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236

ANNUAL REPORT

MARCH 1948 - SEPTEMBER 1949

29 MAR 1950

The College Committee in February 1948 resolved that the period covered by the Annual Report be the academic year, 1st October to 30th September, instead of the committee year, 1st March to 28th February, and that for 1948–49 a report covering the period 1st March 1948 to 30th September 1949 be issued.

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Form of Legacy ..... Inside Back Cover

COLLEGE COMMITTEE

1st March 1948 to 30th September 1949

Chairman: *Vacant*

Vice-Chairman: Sir Robert Waley Cohen, K.B.E., M.A.

Treasurer: David Heron, M.A., D.Sc.†

Arthur Brian Ashby, M.A.

Professor H. E. M. Barlow, B.Sc.(Eng.), Ph.D., M.I.E.E., A.M.I.Mech.E.†

A. Digby Besant, B.A., Past Pres.I.A.†

O. L. Brady, D.Sc., D.I.C., F.R.I.C.*

Mrs. Irene Chaplin, B.A., J.P.§

Professor H. J. Collins, M.C., M.Sc., M.Inst.C.E., M.I.Mech.E., P.P.I.Struct.E., A.M.Am.Soc.C.E.*

Professor G. R. de Beer, M.A., D.Sc., F.R.S.

Mrs. Barbara Drake*

P. Dunsheath, C.B.E., M.A., D.Sc., M.I.E.E.

Sir Alexander Gibb, G.B.E., C.B., LL.D., F.R.S.†

Professor H. P. Himsworth, M.D., F.R.C.P.†*

A. S. Holness, F.I.A.

Sir Frederick James, C.B.E.

Professor H. F. Jolowicz, M.A., LL.D.*

Professor A. H. M. Jones, M.A., F.B.A.*

Professor G. W. Keeton, M.A., LL.D.§

E. K. Martin, M.B., M.S., F.R.C.S.†§

Professor W. H. Pearsall, D.Sc., F.R.S.

D. R. Pye, C.B., M.A., Sc.D., F.R.S.‡ (*Provost*)

Mrs. J. Rodgers, B.A., Ph.D.*

A. H. Smith, O.B.E., M.A., Ph.D., D.Lit.§

Miss Etheldreda Wickers, B.A., A.C.P.

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† Fellow of the College.
‡ Hon. Fellow of the College.
§ Appointed after 1st March 1948.
* Membership terminated prior to 30th September 1949.

PROFESSORIAL BOARD

1st March 1948 to 30th September 1949

Chairman

D. R. PYE, C.B., M.A., Sc.D., F.R.S.‡

	Appointed§
G. C. ALLEN, M.Com., Ph.D.	1946
E. N. DA C. ANDRADE, D.Sc., Ph.D., F.R.S.†	1928
BERNARD ASHMOLE, M.C., M.A., B.Litt., F.B.A.*	1929
A. J. AYER, M.A.	1946
H. E. M. BARLOW, B.Sc.(Eng.), Ph.D., M.I.E.E., A.M.I.Mech.E.†	1945
H. HALE BELLOT, M.A.†	1930
O. L. BRADY, D.Sc., D.I.C., F.R.I.C.	1922
Sir CYRIL BURT, M.A., D.Litt., D.Sc., LL.D.	1932
J. ČERNÝ, Ph.Dr.	1946
H. J. COLLINS, M.C., M.Sc., M.Inst.C.E., M.I.Mech.E., P.P.I.Struct.E., A.M.Am.Soc.C.E.	1936
H. O. CORFIATO, S.A.D.G., F.S.A., F.R.I.B.A.	1937
H. DAVENPORT, M.A., Sc.D., F.R.S.	1945
FLORENCE N. DAVID, Ph.D.	1947
G. R. DE BEER, M.A., D.Sc., F.R.S.	1945
H. DINGLE, D.Sc., D.I.C., A.R.C.S.	1946
W. E. DUNCANSON, Ph.D., D.Sc.	1947
C. A. LOVATT EVANS, LL.D., D.Sc., F.R.C.P., M.R.C.S., F.R.S.†	1926
C. B. FAWCETT, B.Litt., D.Sc.	1928
DARYLL FORDE, Ph.D.†	1945
D. B. FRY, Ph.D.	1948
A. H. GERRARD	1947
J. B. S. HALDANE, M.A., D.Sc., D. de l'Univ., F.R.S.	1933
C. A. HART, T.D., M.Sc.(Eng.), Ph.D., M.I.C.E., F.R.I.C.S., A.M.I.Struct.E.†	1946
A. V. HILL, C.H., O.B.E., Sc.D., LL.D., D.Sc., M.D., F.R.S.‡	1923
G. T. R. HILL, M.C., M.Sc.(Eng.), M.I.Mech.E., F.R.Ae.S.†*	1934
W. G. HOLFORD, M.A., F.R.I.B.A., M.T.P.I., F.I.L.A.	1947
S. E. HOLLINGWORTH, M.A., D.Sc.	1946

† Fellow of the College.
‡ Hon. Fellow of the College.
§ The years given in the case of Professors are those in which they were appointed to their respective Chairs: in the case of others, the years are those in which they were first appointed members of the Professorial Board.
* Membership terminated 1948.

	Appointed§
E. D. Hughes, D.Sc., Ph.D., F.R.I.C., F.R.S.	1948
R. A. Humphreys, O.B.E., M.A., Ph.D.	1948
C. K. Ingold, D.Sc., F.R.S.	1930
Raymond Irwin, M.A., F.L.A.	1945
H. F. Jolowicz, M.A., LL.D.*	1931
A. H. M. Jones, M.A., F.B.A.	1946
Daniel Jones, M.A., Dr.Phil.	1921
R. O. Kapp, B.Sc.(Eng.), M.I.E.E.	1935
G. W. Keeton, M.A., LL.D.	1938
L. Margaret Kerly, M.A., Ph.D.	1946
B. J. Lloyd-Evans, M.Sc.(Eng.), Ph.D., M.I.Mech.E.	1948
J. F. Lockwood, M.A., Ph.D.	1945
H. S. W. Massey, M.Sc., Ph.D., F.R.S.	1939
J. E. Neale, M.A., D.Litt., F.B.A.†	1927
Bruce Pattison, M.A., Ph.D.*	1946
W. H. Pearsall, D.Sc., F.R.S.	1944
E. S. Pearson, C.B.E., M.A., D.Sc.†	1935
L. S. Penrose, M.A., M.D., M.R.C.S., L.R.C.P.	1945
G. J. Renier, Ph.D., Phil.Lit.cand.†	1945
Constance M. Rigby, M.A., Ph.D.*	1939
C. M. Robertson, M.A.	1948
Randolph Schwabe, R.W.S.†‖	1930
C. J. Sisson, M.A., D.Lit., D.-ès-L.	1928
M. T. Smiley, M.A.*	1925
A. H. Smith, O.B.E., M.A., Ph.D., D.Lit.	1947
S. Stein, Ph.D.	1948
S. Sugden, D.Sc., A.R.C.S., F.R.S.	1937
L. W. Tancock, Ph.D.	1948
H. Terrey, B.Sc.	1928
S. G. Vesey-FitzGerald, M.A., LL.D.*	1946
D. M. S. Watson, LL.D., D.Sc., F.R.S.‡	1921
H. E. Watson, D.Sc., F.R.I.C., M.I.Chem.E.†	1934
T. B. L. Webster, M.A., F.S.A.	1948
R. Weiss, B.A.	1946
John Wilks, M.A., F.L.A.†	1926
L. A. Willoughby, M.A., D.Lit., Ph.D.†	1931
F. R. Winton, M.A., M.D., D.Sc.	1938
B. Woledge, M.A., D. de l'Univ.	1939

† Fellow of the College.
‡ Hon. Fellow of the College.
§ The years given in the case of Professors are those in which they were appointed to their respective Chairs: in the case of others, the years are those in which they were first appointed members of the Professorial Board.
‖ Died in 1948.
* Membership terminated 1948.

	Appointed§
D. O. Wood, M.Sc., A.R.C.S.	1932
T. L. Wren, M.A.	1922
F. G. Young, Ph.D., D.Sc., F.R.I.C., F.R.S.†	1945
J. Z. Young, M.A., F.R.S.	1945

Assessors

The Sub-Deans of the Faculties :—

Arts : R. D. McLellan, Ph.D.	1945
Laws : G. Schwarzenberger, Ph.D., Dr.Jur.	1944
Engineering : H. Marriott, B.Eng., B.Sc.(Econ.), A.M.I.E.E.	1945
Medical Sciences : J. T. Aitken, M.B., Ch.B.	1946
The Tutor to Women Students : Eleanor M. Megaw, B.A.	1946

† Fellow of the College.

§ The years given in the case of Professors are those in which they were appointed to their respective Chairs : in the case of others, the years are those in which they were first appointed members of the Professorial Board.

OFFICERS OF THE FACULTIES

Faculty of Arts

Dean: Professor B. WOLEDGE, M.A., D. de l'Univ. (1947–48)
Professor G. J. RENIER, Ph.D., Phil.Lit.cand. (1948–49)

Vice-Dean: Professor J. F. LOCKWOOD, M.A., Ph.D.

Sub-Dean: R. D. MCLELLAN, Ph.D.

Faculty of Laws

Dean: Professor G. W. KEETON, M.A., LL.D.

Vice-Dean: Professor H. F. JOLOWICZ, M.A., LL.D.

Sub-Dean: G. SCHWARZENBERGER, Ph.D., Dr.Jur.

Faculty of Science

Dean: Professor W. H. PEARSALL, D.Sc., F.R.S.

Vice-Dean: Professor H. S. W. MASSEY, M.Sc., Ph.D., F.R.S.

Sub-Dean: D. O. WOOD, M.Sc., A.R.C.S.

Faculty of Engineering

Dean: Professor H. J. COLLINS, M.C., M.Sc., M.I.C.E., M.I.Mech.E., P.P.I.Struct.E., A.M.Am.Soc.C.E.

Vice-Dean: Professor H. E. WATSON, D.Sc., F.R.I.C., M.I.Chem.E. (1947–48).
Professor H. E. M. BARLOW, B.Sc.(Eng.), Ph.D., M.I.E.E., A.M.I.Mech.E. (1948–49).

Sub-Dean: H. MARRIOTT, B.Eng., B.Sc.(Econ.), A.M.I.E.E.

Faculty of Medical Sciences

Dean: Professor C. A. LOVATT EVANS, LL.D., D.Sc., F.R.C.P., M.R.C.S., F.R.S. (1947–48).
Professor J. Z. YOUNG, M.A., F.R.S. (1948–49).

Vice-Dean: Professor F. R. WINTON, M.A., M.D., D.Sc.

Sub-Dean: J. T. AITKEN, M.B., Ch.B.

ADMINISTRATIVE STAFF

Provost

D. R. Pye, C.B., M.A., Sc.D., F.R.S.
Honorary Fellow of the College

Secretary—E. A. L. Gueterbock, M.A.

Assistant Secretary—Winifred Radley

Accountant—H. W. Claxton, O.B.E., A.C.A.

Registrar—H. E. Foster, M.A., F.Z.S.

Bursar—C. H. Cooke, C.I.E., B.A.

Superintendent of Records—O. V. Lawley

Superintendent of Works—C. V. Seagrim, O.B.E., B.A., A.M.I.E.E., A.I.Mech.E.

Establishment Officer—H. C. C. Monahan, M.C., B.A.

Assistant Accountant—F. H. J. Davidson

Maintenance Officer—A. W. Woolven

Deputy Registrars—Nancie L. Pank
Margaret R. Melrose, M.A.

Cashier—J. H. Nicholls

Publications Assistant—L. J. Gue

Chief Clerk—R. L. Gregory

Domestic Superintendent—Edith M. Baker

Alumnus Secretary—Millicent M. Oldham

Private Secretary to the Provost—Betty M. Baker, B.A.

Refectory: *Catering Managers' Steward*—P. G. Noller
Assistant Stewards—Agnes A. Boddie
Joyce A. Farrer

Nurse—Helen Drinkwater, S.R.N.

Hon. Sanitary Adviser—M. E. Delafield, M.B., B.Ch., D.P.H.

Auditors—Messrs. Price, Waterhouse & Co.

The following members of the Administrative Staff also held office during the period of this report, but retired or resigned prior to 30th September 1949:—

G. Clark, M.A., B.Sc., *Assistant Secretary*

H. Marklew, *Cashier*

A. J. L. Cahill, B.Sc.(Econ.), *Publications Assistant*

R. Noel Small, B.A., *Steward of the Refectory* (*to 1948*)

Joan M. T. Wilson, *Steward of the Refectory* (*1948–49*)

ACADEMIC STAFF HOLDING ADMINISTRATIVE APPOINTMENTS

Senior Tutor

D. O. Wood, M.Sc., A.R.C.S.

Tutor to Women Students

Eleanor M. Megaw, B.A.

Faculty Tutors

Tutor to Arts Students:	R. D. McLellan, Ph.D.
Tutor to Laws Students:	G. Schwarzenberger, Ph.D., Dr. Jur.
Tutor to Science Students:	D. O. Wood, M.Sc., A.R.C.S.
Tutor to Engineering Students:	H. Marriott, B.Eng., B.Sc.(Econ.), A.M.I.E.E.
Tutor to Medical Students:	J. T. Aitken, M.B., B.Ch.

Departmental Tutor

Architecture:	L. Stuart Stanley, M.A., F.R.I.B.A., M.T.P.I.

Assistant Tutors

Chemistry:	H. Terrey, B.Sc.
English:	H. Winifred Husbands, M.A.
Fine Art:	R. Nuttall Smith, B.A.
French:	Dora Starke, M.A.
History:	S. T. Bindoff, M.A.
Economics:	A. W. Stonier, M.A., D.Phil.

LIBRARY STAFF

Librarian

John Wilks, M.A., F.L.A., Fellow of the College

Deputy Librarian

Kenneth Garside, M.A.

CHANGES IN THE COLLEGE COMMITTEE

The Chairman

It is with gratification that the Committee records the acceptance by the Right Honourable Lord Normand, P.C., LL.D., of its invitation to become Chairman of the College Committee. Lord Normand, who is a Lord of Appeal in Ordinary, has a distinguished record of public service, having held, among other high offices, that of Lord Justice General of Scotland and Lord President of the Court of Session. He is an Honorary Fellow of Oriel College, Oxford, and holds an Honorary LL.D. degree of the University of Edinburgh.

The Committee desires to express its appreciation of the invaluable services rendered by Sir Robert Waley Cohen as Vice-Chairman of the Committee since the resignation of Lord Sankey in May 1947.

Treasurer

Following the resignation of Mr. A. Digby Besant in February 1948, to which reference was made in the last Report, Dr. David Heron, formerly Joint Treasurer of the College, was appointed Treasurer by the Senate as from 1st March 1948.

The following changes in the membership of the Committee have taken place during the period under review:—In March 1948, Sir Frederick James was appointed to membership of the Committee; Professor W. H. Pearsall and Professor A. H. M. Jones succeeded Professor E. N. da C. Andrade and Professor J. F. Lockwood respectively as Professorial Board representatives, and Professor H. E. M. Barlow succeeded Mr. G. W. Odey as representative of the Old Students' Association. Professor H. F. Jolowicz resigned from the Committee in December 1948 on his appointment to a Chair at Oxford. In March 1949, Mr. E. K. Martin was appointed a member of the Committee; Professor G. W. Keeton and Professor H. E. M. Barlow were appointed professorial representatives on the Committee, the latter, already holding office as representative of the Old Students' Association, succeeding Professor H. J. Collins; and Dr. A. H. Smith succeeded Dr. O. L. Brady as the representative of the non-professorial members of the academic staff. Professor A. H. M. Jones resigned from the Committee in May 1949 on account of ill-health, and the resignation of Professor H. P. Himsworth was received in June 1949 on his appointment as Secretary of the Medical Research Council. Mrs. Barbara Drake and Mrs. J. Rodgers have completed their term of office as members of the Committee nominated by the London

County Council, and the Senate, at their meeting in July 1949, re-appointed Miss C. E. Wickers and appointed Mrs. Irene Chaplin members of the Committee nominated by the London County Council for the remainder of the year ending 28th February 1950.

CHANGES IN THE PROFESSORIAL BOARD

The following new professors were appointed during the period under review :—Professor E. D. Hughes (Chemistry), Professor R. A. Humphreys (Latin American History), Professor B. J. Lloyd-Evans (Mechanical Engineering), Professor C. M. Robertson (Classical Art and Archaeology), Professor T. B. L. Webster (Greek).

The six non-professorial members of the academic staff elected to serve on the Professorial Board during the session 1948–49 were as follows :—Dr. Florence N. David, Dr. W. E. Duncanson, Dr. L. Margaret Kerly, Dr. B. Pattison, Dr. L. W. Tancock and Mr. H. Terrey. Early in the session, Dr. D. B. Fry was elected to take the place on the Board vacated by Dr. B. Pattison on the appointment of the latter to the Chair of Education at the Institute of Education.

In November 1948, Dr. S. Stein was nominated as a member of the Professorial Board under Statute 24(4) for so long a period as he remains Head of the department of Hebrew.

FINANCE

The audited accounts for the years ended 31st July 1948 and 1949 are appended to the Report in Appendix IV, pages 101–125.

The Income and Expenditure Accounts show an excess of Expenditure over Income in 1947–48 and a surplus of Income over Expenditure in 1948–49.

Income

The course of the College Income during the period of review is seen from the following table :—

	Ordinary	* *Extraordinary*	*Total*
	£	£	£
1946–47	471,552	55,099	526,651
1947–48	498,716	7,403	506,119
1948–49	574,973	—	574,973

* Extraordinary Income and Expenditure of a non-recurrent nature which has been largely absorbed in Ordinary Income and Expenditure.

The year 1947–48 was the first year of the present quinquennium and recurrent grants were announced by the Court of the University, viz. :—

For *General Purposes*: £285,427, an increase of £50,000, to be followed by further increases of £25,000 in each of the next four years.

For *Medical Education*: £49,573, an increase of £5,000, the placing of this grant on a quinquennial basis being deferred.

For the *Social Sciences*: £2,500. An amount of £2,000 was, however, transferred to 1948–49.

That these increases, in so far as they relate to 1947–48, do not appear from the figures of total income, is due to appropriations from reserves in 1946–47 which were not repeated in 1947–48.

The year 1948–49 was marked by a special recurrent grant of £35,000 for General Purposes for that year and for each of the following three years, to assist the College in its programme of expansion, the *Home Counties* grant being included. The recurrent grants for Medical Education were placed on a quinquennial basis with an immediate increase of £11,000 to £60,573, with further increases of £15,000, £10,000 and £5,000 for 1949–50, 1950–51 and 1951–52 respectively. For the *Social Sciences* the grant was £5,000, supplemented by the transfer of £2,000 for 1947–48, and grants of £9,100, £12,000 and £15,000 were provided for the last three years of the quinquennium.

Expenditure

The expenditure in the period will be seen from the following table :—

	Ordinary	* *Extraordinary*	*Total*
	£	£	£
1946–47	484,810	14,654	499,464
1947–48	519,696	10,247	529,943
1948–49	568,343	—	568,343

The progressive increase in recurrent expenditure has been due to four main causes :—

(1) New appointments of Academic and Library staffs to meet increasing needs of teaching and research.

(2) Increases in the Administrative staff to meet current requirements and the additional duties related to the progress of rehabilitation after War Damage and of post-war development.

* Extraordinary Income and Expenditure of a non-recurrent nature which has been largely absorbed in Ordinary Income and Expenditure.

(3) Increasing costs of goods and services.
(4) The operation of incremental salary scales for all staff in established posts.

A feature of the accounts for 1948–49 has been the opening of subsidiary accounts for the maintenance of Hostels, Staff Accommodation and College Properties, the balances of which have been brought into the College Income and Expenditure Account.

Rehabilitation and Development Account

This section of the accounts (pages 108–9 and 122–3) records the course of operations upon rebuilding and re-equipping the College after damage suffered during the war, the provision of temporary accommodation, and developments projected in the Post-War Planning and Development Report.

Receipts up to 31st July 1947 had totalled £48,390, and the receipts for the two years 1947–48 and 1948–49 were £78,968 and £175,392 respectively. Payments up to 31st July 1947 had totalled £128,381, and the payments in the two years 1947–48 and 1948–49 were £135,004 and £217,211 respectively. The various projects are financed from Capital Grants by the University Grants Committee, from payments of War Damage compensation, or from the College's own resources.

The excess of payments over receipts of £133,921 at 31st July 1949 related to

	£
Capital projects and apparatus for which Grants have been approved	17,057
Capital projects in anticipation of Grants	52,196
Preparation of plans for College reconstruction, chargeable to individual projects	10,511
War Damage repairs and reinstatements for which compensation will be paid	40,963
Projects to be financed from College Funds	13,194
	£133,921

Balance Sheet at 31st July 1949

A comparison of the Balance Sheets at 31st July 1949 with those of previous years shows alterations in form necessitated by the College's developing financial position. Assets and Liabilities have been grouped so that immediate comparison can be made between the related items.

Under (a) *Liabilities.*

Capital Account.—This account has been increased by a transfer of £30,000 of excess income over expenditure brought forward from 1946–47.

Treasury Loan.—The loan which stood at £24,000 on 31st July 1946 was fully issued up to £39,500 during 1947–48, and the accrued interest was capitalised during 1948–49. The loan is now under redemption, over a thirty years' term.

Appropriation Account.—This item replaces the balance of the Income and Expenditure Accounts which appeared in earlier balance sheets and it sets out the balances of the "ear-marked" grants, the net total of which is carried into the Balance Sheet.

Under (b) *Assets.*

College Freehold and Leasehold Properties.—Additions during the period have been

(1) Staff accommodation at Nevern Square and Hornton Street. The former accommodation was occupied in 1949 and the latter will be occupied early in 1950.

(2) The premises at 33 Broadhurst Gardens were acquired for further staff accommodation, but the proposition proved to be impracticable, and the premises have since been sold.

(3) Acquisition of the Seamen's Hospital, which will be used later as a Students' Hostel.

FELLOWSHIPS, SCHOLARSHIPS AND PRIZES

Expenditure upon these awards amounted to £7,292 15*s.* 8*d.* in 1947–48 and £8,463 7*s.* 6*d.* in 1948–1949. Awards were made as under:—

1947–48

	Undergraduate			*Postgraduate*		
	£	*s.*	*d.*	£	*s.*	*d.*
From Endowments	2,329	4	4	1,258	3	5
,, Donations and Subscriptions	94	11	6	900	0	0
,, General Income	1,450	14	8	823	17	3
,, ,, ,, (Exhibition Bursaries and special fee remissions)	375	16	0	60	8	6
	£4,250	6	6	£3,042	9	2

Total .. £7,292 15*s.* 8*d.*

1948–49

	£	*s.*	*d.*	£	*s.*	*d.*
From Endowments	1,673	5	7	1,525	18	2
,, Donations and Subscriptions	16	10	1	1,825	0	0
,, General Income	1,489	9	7	1,709	14	1
,, ,, ,, (Exhibition Bursaries and special fee remissions)	213	0	0	10	10	0
	£3,392	5	3	£5,071	2	3

Total .. £8,463 7*s.* 6*d.*

LOANS TO STUDENTS

Loans are made on the following terms :—

(*a*) Loans do not carry interest during a student's career in the College.

(*b*) After the end of a student's career in the College, the loans carry interest at the rate of 5 per cent., except that loans from the W. W. Rouse Ball Loan Fund are free of interest.

(*c*) Loans are repayable within three years from the completion of a student's College career, unless, on the special application of the student concerned, an extension of time is granted.

(*d*) Students to whom loans are granted sign a document accepting these conditions, and in the case of students under age, their parents or guardians countersign the same undertaking.

The financial position of the four funds is given in the following statement :—

College Loan Fund

	£	s.	d.	1947–48 £	s.	d.	1948–49 £	s.	d.
Original Fund (1922)	578	7	0						
Net Accretions (1922–47)	261	6	10						
Balance at beginning of Session				839	13	10	790	4	10
Add Loans repaid				112	10	0	215	0	0
Interest on Loans				22	5	10	16	12	8
Donations				15	13	6	23	19	10
Deposit Interest				1	15	0	—		
				991	18	2	1,045	17	4
Less Loans granted				201	13	4	240	2	2
Balance at end of Session				£790	4	10	£805	15	2

Loans outstanding at 31st July 1949 totalled £982 7*s.* 8*d.*

Rouse Ball Loan Fund

	£	s.	d.	£	s.	d.	£	s.	d.
Original Fund (1925)	500	0	0						
Net Accretions (1925–47)	2	6	11						
Balance at beginning of Session				502	6	11	503	7	9
Deposit Interest				1	0	10	—		
Balance at end of Session				£503	7	9	£503	7	9

Note.—No Loans were made in the Sessions 1947–48 and 1948–49. Loans outstanding at 31st July 1949 totalled £16 0*s.* 0*d.*

Madeleine Cole Loan Fund

	£	s.	d.	1947–48 £	s.	d.	1948–49 £	s.	d.
Original Fund (1924)	170	0	0						
Net Accretions (1924–47)	45	7	1						
Balance at beginning of Session				215	7	1	251	13	7
Add Loans repaid				70	0	0	40	0	0
Interest on Loans				6	0	0	4	5	0
Deposit Interest					6	6	—		
				291	13	7	295	18	7
Less Loans Granted				40	0	0	50	0	0
Balance at end of Session				£251	13	7	£245	18	7

Loans outstanding at 31st July 1949 totalled £122 16*s.* 0*d.*

M. J. M. Hill Loan Fund

	£	s.	d.	£	s.	d.	£	s.	d.
Original Fund (1924)	251	7	11						
Net Transactions (1924–47)	3	7	8						
Balance at opening of Session				248	0	3	302	5	2
Add Loans repaid				33	8	6	15	0	0
Interest on Loans				20	5	8	—		
Deposit Interest					10	9	—		
Balance at end of Session				£302	5	2	£317	5	2

Note.—No Loans were made in the Sessions 1947–48 and 1948–49. Loans oustanding at 31st July 1949 totalled £66 11*s.* 6*d.*

Accretions to Funds shown in the statement are from donations, interest charged on loans, and deposit interest, less loans outstanding and written off in past years.

THE CRABB ROBINSON FUND

A Trust Fund from which annual grants may be made to further the social and athletic life of the students.

The following grants were made in the two sessions :—

	1947–48 £	s.	d.	1948–49 £	s.	d.
The Union	*150	0	0	†175	0	0
Gower Street Students' Rooms.—Amenities	15	0	0	15	0	0
Cartwright Gardens Students' Rooms.—Amenities	15	0	0	9	18	3
Cartwright Gardens Slade Students' Rooms.—Amenities	5	0	0	5	0	0
College Hall.—Towards the Library	15	0	0	15	0	0
	£200	0	0	£219	18	3

* Athletic Equipment.
† New Boat for Women's Boat Club.

THE PEEL FUND

No grants were made in the two sessions, and the income of the Fund in these years, £93 8*s.* 0*d.*, was handed over to the National Central Library in accordance with the recommendation of the Peel Committee.

BENEFACTIONS AND DONATIONS

The College Committee makes grateful acknowledgment of the following gifts :—

Professor T. Thomson Flynn, on his retirement from the Chair of Zoology at Queen's University, Belfast : his unique collection of specimens illustrating the development of Monotremes, to be housed in the department of Embryology.

Ealing Hall Association :

a sum of about £8,100 to be used at the discretion of the College Committee with the suggestion that an appropriate object would be the provision of suitable accommodation for the President of the Union, and, if funds available, the Senior Woman Officer of the Union.

Rockefeller Foundation :

a grant of $4,000, or as much thereof as may be necessary, towards the purchase of books and other materials essential for the development of Latin American Studies.

Goldsmiths' Company :

£1,000 towards the cost of a sound-proof room for the department of Phonetics.

Messrs. Bellman Hangers Limited :

£250 per annum for a minimum of three years for furthering research in structural development.

Professor A. V. Hill :

a silver candlestick received from the Society of Fellows of Harvard University.

Mr. Arthur John Head :

a bequest of £100 to be used at the discretion of the College Committee.

Professor H. F. Jolowicz :

£250 for furthering the study of Roman Law in University College.

Mrs. R. Schwabe :

a collection of 50 of the late Professor Schwabe's drawings.

Dr. W. Hume-Rothery :

a bust of Joseph Hume, one of the founders of University College.

Lady Robinson :

a collection of books, pictures, etc., on Egyptological subjects.

Monsanto Chemicals Limited :

a Fellowship of the value of £400 per annum for the purpose of aiding the general research programme of the Chemistry department of University College.

COLLEGE SITE AND BUILDINGS

Progress in rebuilding continues to be disappointingly slow and to this many factors have contributed, all connected to a greater or less degree with the economic condition of the country as a result of the War. Costs of labour and materials have continued to rise, the shortage of labour has rendered necessary the continuance of the system of permits and licences to undertake any considerable building project, and progress is conditioned by the available supplies of materials, particularly steel and timber. Nevertheless the primary work of restoring the Central Main Building has made some solid if unspectacular advance, and Professor Richardson has held out hopes that the basement and ground floor should be ready for occupation some time in 1950. Restoration of the dome is nearing completion, and work has started both on the General Library, which should also be ready for re-occupation in 1950, and on the North Junction which will connect the main building with the new Science Block to be constructed towards Gordon Street, and with the North Wing facing the main quadrangle.

A large hut to accommodate the new Junior Chemistry Laboratory has been completed and equipped during the year and was occupied in October 1948. This has considerably relieved the pressure on space in the Chemistry Department, and further plans are now nearly complete for the construction of a light storey on the top of the main Chemistry building, and also for the installation of a fume extraction plant. Progress on the former awaits a grant, and the latter project has also been delayed owing to finance, since the probable cost is now nearly double that originally estimated.

Huts for Physics laboratories have been finished, and a laboratory under the General Library, which had to be abandoned for over a year to enable the tunnel for steam pipes to be excavated has been restored and is again in use.

On the Gordon Street front it has been possible to save temporarily Nos. 17 and 19 from demolition and both houses have been repaired, the former for the Domestic Superintendent's offices, the Student Health Centre and the Department of Latin, and the latter for the Chemical Engineering Department. Two large storage huts for the Works Department and a new cycle shed have been constructed on part of the sites of the other Gordon Street houses which had to be demolished, the remainder of these sites being occupied by the Physics huts.

In Gordon Square, No. 24 occupied by Political Economy, and Nos. 25 and 26 which were bomb damaged, are in process of reconstruction and should be finished early in 1950. It is intended then to move Political Economy from No. 24 to No. 26, and Nos. 24 and 25 will then

be available for the expansion of the History Department, which has hitherto been in very cramped quarters at the top of Foster Court.

A start has also been made on the construction of a new Animal House between the Medical Sciences' building and Foster Court. The first stage of this is nearing completion, and it is hoped to begin next year, if funds permit, the much larger second stage, which will include a bridge between Foster Court and Medical Sciences.

In addition to these new works, a good deal has been done towards rehabilitating existing accommodation by the rewiring and reorganisation of electrical services in Foster Court and the South Wing in 1948, and in the North Wing and Chemistry building in 1949. Soundproofing of the upper floors and redecoration were also carried out in Foster Court in 1948 and redecoration in the South Wing and Engineering Faculty in 1949. The redecoration of Engineering followed immediately on some extensive internal alterations here, including the construction of a mezzanine floor between the ground and first floors.

Re-organisation of the electricity services has included, in addition to the rewiring referred to above, the setting up of a new intake substation near the Malet Place boiler house, and the negotiation of a revised tariff with the London Electricity Board, which will save the College considerable recurring expenditure.

The two 75 KVA electrical generators, purchased in 1947 and installed in the basement of the Physiology building, were supplemented in 1948, by a large 330 KVA generator which has been erected in a hut near the Physiology archway. These three sets are now available as a standby in case of a failure of the mains as in the winter of 1946–47, and the two small sets were used for some months in the winter of 1948–49 to economise on electricity from the mains during peak hours, in answer to an appeal by the Ministry of Fuel.

The College heating system is also undergoing extensive reorganisation, partly because of alterations to the steam and hot-water lines in the Main Building which is under reconstruction and partly to supplement supplies from the Chemistry boilers which are now very old. A new boiler and oil firing equipment for the Malet Place boiler house have been on order for nearly two years, and it is hoped that these will be delivered and installed before the winter of 1949–50.

The next major building projects for which plans are either ready or well advanced, and which it is hoped to start in 1950, are the South Junction joining the Main Building with the South Wing of the main quadrangle, the first stage of the new Physics building from the North Junction up to Chemical Engineering, and a new hut on the Gordon Street front to provide additional laboratory space for Botany.

Considerable progress has been made in acquiring the remaining properties in the College rectangle with a view to expansion of teaching and other accommodation. Unfortunately, acquisition has not meant mmediate possession, and in most cases a period of years will intervene

before the College can utilise this additional property for academic purposes. The Seamen's Hospital in the north-east corner of the rectangle was purchased in May 1948, but the property was at that time requisitioned and the College had to agree to a ten-year lease in favour of the Ministry of Pensions, with an option to foreclose after seven years, *i.e.* in 1955. More recently the University has succeeded in acquiring from the Bedford estate, on behalf of the College, the freehold rights of Nos. 88 to 98 Gower Street, together with the site of the Tavistock Clinic, as well as the remaining houses (Nos. 14 to 24) on the west side of Gordon Square not already owned by the College. On the completion of the contract, the site of the Tavistock Clinic will be immediately available, but the remaining property is either let or requisitioned by the Borough Council, and actual possession of most of the houses will not pass to the College until the expiry of the leases or the requisition.

While the projects outlined above have provided some slight addition to the space available for teaching, the pressure on accommodation of all kinds is still acute and it will be some years yet before adequate relief is possible.

WAR MEMORIAL

The Committee has adopted the recommendations of the War Memorial Committee that no public appeal should be made for subscriptions to a War Memorial Fund, and that larger schemes for a war memorial should be abandoned in favour of a Roll of Honour to include the names of all students, former students, members of the staff and former members of the staff in all categories who lost their lives in any form of National Service or as civilian casualties in air-raids, etc., in the 1939–45 war. It is proposed that the Roll of Honour shall be contained in a War Memorial Volume, and that the work of inscription shall be undertaken by Miss Rosemary Ratcliffe.

It was hoped that it would be possible to produce the Roll of Honour in 1949; but, in order to ensure as far as possible that it will not be incomplete or incorrect in detail, the utmost care is being taken to verify records and secure all the information required, and the investigations which have been found to be necessary are taking longer than was anticipated.

The desire has been expressed that there should be a memorial inscription on the new Gower Street front or in some other prominent place in the College.

OBITUARY

PROFESSOR TANCRED BORENIUS

By the death of Professor Tancred Borenius on 2nd September 1948 the College lost a teacher of the History of Art of outstanding distinction.

In 1914 he was appointed to the Lectureship of the History of Art at University College and in 1922 the title of Durning-Lawrence Professor in the History of Art was conferred upon him. He relinquished the Chair in 1947 on account of ill health.

Professor Borenius enjoyed a European reputation for erudition in his subject. He owed his eminence to his profound love of art, his unusual knowledge of the practice of art as well as the theory, and to his intensive life-long search for facts. In his numerous writings he contributed much to the History of Art, and his views were widely respected.

The Slade School will remember with gratitude that in spite of the extremely advanced nature of his other work, he continued from 1914–1945 to lay the foundations for the study of the History of Art for generations of Slade students, and he inculcated in them an enduring interest in and love of the subject.

Professor Borenius was a Finn and was born at Wilborg in 1885. He received many decorations, including the Order of the White Rose of Finland, and after the 1914–18 War he was Secretary to the Finnish Diplomatic Mission to Western Europe. During the 1939–45 War he worked devotedly as the Secretary of the Polish Relief Fund.

PROFESSOR EMERITUS EDMUND JOHNSTON GARWOOD

The death on 12th June 1949, of Professor Emeritus Edmund Johnston Garwood, at the age of eighty-five, has removed one who, as Yates-Goldsmid Professor from 1901 to 1931, was the real builder of the Geology Department. At the time of his appointment the department was housed in one room on the top floor of the main building. There was no departmental grant, so in 1902 he toured the country giving public lectures and raised the sum of £100 to start a Museum Fund. The professorship was a part-time one, but he worked full-time and overtime. He was his own technician and he had no assistant until Miss Edith Goodyear was appointed in 1903. By the exercise of unflagging energy and an infectious enthusiasm, which was an inspiration to his colleagues and students, he built up the Department until the imperative need for larger quarters led to its removal in 1907 to its present rooms in the South Wing.

By the time he retired in 1931 the Geology Department at University College could challenge comparison with any similar department in

the country. He personally delivered some 7,500 lectures and he conducted seventy-seven field classes lasting from a week to a month.

He will be remembered in geological circles chiefly for his researches in three fields, glacial action, based on extensive field-work in the Alps, Himalayas and Spitsbergen, the faunal succession of the Lower Carboniferous rocks in the north of England, and the geological importance of the calcareous algae. Among the honours accorded him were the Fellowship of the Royal Society, the Gill Memorial of the Royal Geographical Society, the Lyell Medal of the Geological Society, the Presidency of Section C of the British Association, of the Geological Society and of the Yorkshire Geological Society (twice), and honorary doctorates in the Universities of Leeds and Sheffield.

To the end he retained much of his youthful energy. In his eightieth year he travelled alone from Bath to Aberystwyth to lecture on his Spitsbergen researches to the members of his old College in evacuation, and only three months before his death he took the chair at a lecture given at the College by his old friend Professor Delépine of Lille. He was held in high personal esteem by all his colleagues, and was deeply beloved by many generations of students.

PROFESSOR RANDOLPH SCHWABE

It was with deep regret that the College received the news of the death of Professor Randolph Schwabe on 19th September 1948.

The following resolution was passed by the Professorial Board at their meeting on 19th October 1948 :

> "That the Professorial Board desires to place on record its sorrow at the death of Randolph Schwabe, for eighteen years a distinguished Head of the Slade School of Fine Art. It was not only in the Slade School that his influence was felt. His wide humanity and kindness endeared him to all and the impact of his gentle personality was felt throughout the College.
>
> The Professorial Board, in expressing its grief at the death of a loved and revered colleague, wishes to offer to Mrs. Schwabe its deepest sympathy in the loss of her husband."

Professor Schwabe entered the Slade at the age of fifteen, while Fredrick Brown was the Slade Professor. Distinguishing himself as a student, he was awarded a Slade Scholarship and the Summer Prize, and in the following years he was fortunate in being able to study and travel. Early in his career Professor Schwabe devoted himself to the study of drawing, and this preoccupation remained his absorbing passion, although he was also a very capable painter in oils and water-colour.

In 1930 he undertook the difficult task of following the brilliant Henry Tonks as Slade Professor, and he succeeded in maintaining the

Slade at an equally high level, even throughout the period of the War of 1939–45, and in the very arduous post-war years.

He was a zealous and most sympathetic teacher, with an intense interest in art scholarship; and, although struck down by a severe illness for some months before his death, he was working on landscape from nature until the end.

PROFESSOR EMERITUS ABRAHAM WOLF

The College heard with regret of the death on 19th May 1948 of Professor A. Wolf, Head of the Department of History and Philosophy of Science since its inception in 1924 until his retirement on attaining the age limit in 1941. Professor Wolf occupied the Chair of Logic and Scientific Method jointly at University College and the London School of Economics during this period. He was a Fellow of the College and had been a member of the Senate of the University from 1933 to 1944. His earlier studies were concerned with logic and with the life and letters of Spinoza; his *History of Science, Technology and Philosophy in the 16th and 17th Centuries* appeared in 1935 and a similar volume covering the 18th century appeared in 1938. The title of Emeritus Professor was conferred on him in 1942.

The College Committee also records with deep regret the death of the following persons connected with the College or its work :—

Surgeon-Lieutenant John Michael Alderton, killed in action in H.M.S. Amethyst; student, Faculty of Medical Sciences, 1942–44. (29th April 1949)

Mr. Frederick Noel Ashcroft, noted mineralogist; research student, Chemistry Department, 1904–14 and 1919–29. (4th April 1949)

Mr. T. D. Atkinson, Architectural Surveyor to Winchester Cathedral and College, recognised authority on ecclesiastical architecture; student, Bartlett School of Architecture, 1882–84. (29th December 1948)

Sir George Blacker, Fellow of the College, formerly Dean of the University College Hospital Medical School. (21st May 1948)

Mr. Sidney George Brown, Fellow of the College; inventor of the Gyro-compass. (7th August 1948)

Miss Clara Elizabeth Collet, Fellow of the College. (3rd August 1948)

Miss Nora Cundell, painter in oil and water-colour; student, Slade School, 1911–14 and 1918–20. (3rd August 1948)

Mr. Evan F. M. Durbin, M.P., Parliamentary Secretary, Ministry of Works; Ricardo Scholar and Assistant, Department of Political Economy, 1929–30; part-time lecturer 1931–33. (3rd September 1948)

Miss Beatrice Edgell, Emeritus Professor of Psychology, University of London; research student, Faculty of Arts, 1924–25. (10th August 1948)

Mr. Frank Lewis Emanuel, artist and art critic; student, Slade School, 1880–85. (7th May 1948)

Miss Philippa Garrett Fawcett, Fellow of the College, formerly Principal Assistant, Education Department, London County Council. (10th June 1948)

Mr. William Fletcher, Beadle 1934–49. (20th April 1949)

Mr. Sidney Garcke, one of the earliest pioneers in motoring; student, Faculty of Engineering, 1901–03. (3rd October 1948)

Dr. Barry L. Garrad, formerly Vice-Principal of the College of St. Mark and St. John; research student, Faculty of Arts, 1920–25 and 1928–29. (13th July 1948)

Dr. Maximilian Walter Geffen, lecturer and examiner in First Aid and Home Nursing for the L.C.C., member of executive committee of Hampstead Division, British Medical Association; student, Faculty of Medical Sciences, 1912–15. (24th March 1948)

Dr. Francis Gasper Grapel, student, Faculty of Medicine, 1887–90 and 1892–98. (20th April 1948)

Mr. Ernest William Haslehurst, painter of landscapes in water-colour; student, Slade School, 1883–89. (3rd July 1949)

Dr. Malcolm Bell Hay, late of the West African Medical Service; student, Faculty of Medicine, 1895–1901. (12th March 1948)

Mr. G. S. Hett, Consulting Surgeon in Diseases of the Ear, Nose and Throat at University College Hospital; student, Faculty of Medicine, 1897–1907, Assistant and Curator of Museum in the Department of Anatomy, 1907–10. (3rd May 1949)

Sir Harald George Hewett, Bt., student, Slade School, 1876–80. (5th March 1949)

Sir George Hill, Fellow of the College, formerly Director of the British Museum. (18th October 1948)

Professor Johan Hjort, a leading Norwegian authority on marine zoology; student, Department of Physiology, 1919–20. (7th October 1948)

Dr. Moses Hyamson, Professor Emeritus of the Codes in the Jewish Theological Seminary of America; student, Faculty of Arts, 1878–81. (9th June 1949)

Dr. William D. J. Innes, late Director of West African Medical Services; student, Faculty of Medicine, 1906–07. (30th May 1948)

Lieutenant-Colonel J. C. Holdich Leicester, one-time Honorary Surgeon to the Viceroy of India and Acting Surgeon-General, Bengal; student, Faculty of Medicine, 1891–96. (19th May 1949)

Miss Sophie Lund, former Senior Assistant in the Department of Phonetics. (11th March 1948)

Dr. D. S. MacColl, Fellow of the College since 1882; art critic, author and painter. (21st December 1948)

Mr. Sylvain Mayer, playwright and lawyer; Andrews Scholar, Faculty of Arts, 1880–83. (13th September 1948)

The Right Hon. the Lord Melchett, Ramsay Trustee since 1929. (22nd January 1949)

Sir Frederick N. K. Menzies, one-time Medical Officer of Health for the L.C.C. and Honorary Physician to the King; student, Faculty of Medicine, 1904–05, member of the Staff in the Department of Hygiene, 1907–11. (14th May 1949)

Captain Peter Charles Dowers Mercer, the Gloucestershire Regiment, on active service in Malaya; student, Slade School, 1927–29. (6th April 1948)

Captain Isaiah Morris, R.A.M.C.; killed in Palestine with the Jewish Ambulance Unit; student, Faculty of Medical Sciences, 1936–39. (June 1948)

Sir Edwin Hall Pascoe, late Director, Geological Survey of India; student, Faculty of Science, 1896–1904. (5th July 1949)

Dr. William James Perry, Reader in Cultural Anthropology, 1923–39. (29th April 1949)

Mr. William A. Pite, Professor of Architecture at Royal College of Art for 23 years; student, Bartlett School of Architecture, 1879–81. (16th August 1949)

Dr. Alfred Frederick Pollard, first Director of the University of London Institute of Historical Research; Professor of English History, 1903–27, Professor of Constitutional History, 1927–31. (3rd August 1948)

Professor Alan Faraday Campbell Pollard, Professor Emeritus of the Imperial College of Science and Technology; student, Faculty of Engineering, 1902–06. (15th August 1948)

Dr. Mable M. C. Rayner, research worker, Forestry Commission and sometime Head of the Department of Botany, University College, Reading; student, Faculty of Science, 1901–02 and 1907–08. (17th December 1948)

Mr. Arthur Rowntree, Fellow of the College; student, Faculty of Science, 1882–84. (11th May 1949)

Sir Walter Russell, Assistant in the Slade School, 1895–1920 and Assistant Professor, 1920–27. (16th April 1949)

Dr. George Shearer, formerly Principal Scientific Officer, Meteorological Division, National Physical Laboratory, Teddington; student, Faculty of Science, 1920–22; Assistant, Physics Department, 1922–23. (11th March 1949)

Mr. F. H. S. Shepherd, artist; student, Slade School, 1898–1901. (23rd May 1948)

Lieutenant-Colonel Robert Bernard Solomon, formerly Adviser on Jewish Affairs to the British Army and the Control Commission in Germany; student, Faculty of Laws, 1907–12. (16th June 1948)

Professor J. J. Smith, first editor of the Definitive Afrikaans Dictionary; student, Faculty of Arts, 1905–13. (June 1949)

Mr. Marion Harry Spielmann, noted critic and connoisseur of the fine arts; student, Faculty of Arts, 1876–77. (2nd October 1948)

Dr Marjory Stephenson, one of the first women to be elected to Fellowship of the Royal Society, a distinguished exponent of the science of Chemical Microbiology; Beit Memorial Research Fellow, Department of Biochemistry, 1911–14. (12th December 1948)

Dr. Ethel M. Vaughan-Sawyer, noted gynaecologist and obstetrician; student, Faculty of Medicine, 1888–93. (9th March 1949)

Mr. E. A. Wadsworth, one of the leading painters in tempera of his time; student, Slade School of Fine Art, 1908–12. (21st June 1949)

Sir John Whitty, sometime Acting Governor of Bihar; student, Faculty of Arts, 1898–99. (8th May 1948)

HONOURS AND APPOINTMENTS

Past and Present Students and other Persons Connected with the College

The following are among the honours and appointments of which information has been received.

King's Birthday Honours 1948

K.C.B.	Sir William Strang, Permanent Under-Secretary, Foreign Office, German Section (Fellow).
Knight Bachelor	Mr. David Thomas Rocyn-Jones (Former Student).
C.M.G.	Mr. A. E. Chapman-Andrews, British Minister at Cairo (Former Student).
C.B.E.	Mr. Charles Albert Adams, Assistant Secretary, Ministry of Food (Former Student).
	Mrs. Elizabeth Dorothea Cole Cameron, Novelist (Former Student).
	Mr. Thomas George Lund, Secretary, Law Society (Former Student).
	Mr. G. F. O'Dell, Director of Contracts, General Post Office (Former Student).
	Dr. John Knewstub Maurice Rothenstein, Director and Keeper, Tate Gallery (Former Student).
	Dr. Ernest Alfred Underwood, Principal Medical Officer, Ministry of Education (Former Student).
O.B.E.	Mr. Kovindapillai Alvapillai, Food Commissioner and Director of Food Supplies, Ceylon (Former Student).
	Dr. John Robert Blaze, Senior Physician, General Hospital, Colombo (Former Student).
	Mr. Randolph Jewell Francis Mendis, Brevet-Colonel, Staff Corps, Ceylon Defence Force (Former Student).
	Dr. Winifred Brenchley, Head of Botanical Department, Rothamsted Experimental Station (Fellow).
	Mr. Henry Hill, lately Staff Controller, General Post Office (Former Student).
	Mr. Henry Kendall, lately Town Planner, Palestine Government (Former Student).
	Miss Gladys Plummer, Deputy Director of Education (Women), Nigeria (Former Student).
	Professor W. A. E. Karunaratne, Professor of Pathology, General Hospital, Colombo (Fellow).

New Year Honours 1949

K.C.M.G.....	Mr. Alec Walter George Randall, British Ambassador at Copenhagen (Fellow).
C.B.E.	Mr. Matthew Arnold Bracey Smith, Painter (Former Student).
O.B.E.	Mr. Sydney Ernest Hooper, Director of Studies, Royal Institute of Philosophy (Former Student).

King's Birthday Honours 1949

O.M.	Professor Sir Robert Robinson (Former Professor of Chemistry).
D.B.E.	Dr. Harriette Chick (Fellow).
KNIGHTS BACHELOR	Mr. C. Hilary Jenkinson, Deputy Keeper of Public Records (Former Student and Part-time Assistant in the School of Librarianship).
	Dr. J. F. E. Prideaux, Director-General of Medical Services, Ministry of Pensions (Former Student).
C.M.G.	Dr. C. H. Hampshire, Secretary, British Pharmacopoeia Commission (Former Student).
O.B.E.	Mr. J. S. Rooke, Deputy U.K. Commission Representative in Germany (Former Student).
	Miss Ivy N. Watkins, Principal Matron, Hong Kong (Former Student).

Other Honours and Appointments

Abercrombie, Professor Sir Patrick (Professor Emeritus)	(i) Member, Council to supervise Festival of Britain, 1951 (ii) President, Conference at Lausanne, International Union of Architects
Andrade, Professor E. N. da C.	(i) Member, Inter-Service Metallurgical Research Council, Admiralty and Ministry of Supply (ii) Chairman, Basic Properties of Metals Committee, Inter-Service Metallurgical Research Council (iii) Honorary Librarian, Royal Society (iv) Chevalier de la Légion d'Honneur
Ashworth, Mr. H. Ingham	Professor of Architecture, University of Sydney
Ayer, Professor A. J.....	Visiting Professor, New York University, Autumn Term 1948–49
Barer, Mr. Robert (Former Student)	Alan Johnston, Lawrence and Moseley Research Fellowship, Royal Society
Barlow, Professor H. E. M.	(i) Member, Radio Research Board, Department of Scientific and Industrial Research (ii) Member, Council of the Institution of Radio Engineers (iii) Member, Air Navigation Committee, Ministry of Supply (iv) Member, Scientific Advisory Council to the Ministry of Supply
Bates, Professor L. F. (Former Reader)	Holweck Prize and Medal, Société Française de Physique
Baynes, Professor Norman H. (Fellow)	Honorary degree of Litt.D., University of Cambridge
Beeby, Dr. C. E. (Former Student)..	Assistant Director-General of U.N.E.S.C.O.

Belchem, Major-General R. F. K. (Former Student)	Chief of Staff to the Chairman, West Union Commanders-in-Chief Committee
Bellot, Professor H. H.	(i) Member, Provisional Council of University College, Ibadan, Nigeria (ii) Member, Court of the University
Biggs, Mr. K. R. M. (Former Student)	Secretary, Royal Hospital of London School of Dental Surgery
Bishop, Mr. R. E. D. (Student)	Commonwealth Fund Fellowship
Blake, J. L. (Former Student)	Comptroller-General of Patents
Bowles, Mr. F. G. (Former Student)	Deputy Chairman of Committees, House of Commons
Brady, Dr. O. L.	Honorary Treasurer, School of Pharmacy
Brambell, Professor F. W. R. (Research Student)	Fellow of the Royal Society
Branford, Mr. G. R. (Former Student)	President, National Association of Head Teachers
Brodie, Rabbi Israel (Former Student)	Chief Rabbi, United Hebrew Congregations of the British Commonwealth and Empire
Brodie Hughes, Dr. E. (Former Student)	Surgeon-in-Charge, Department of Neurological Studies, Birmingham University
Brogan, Professor D. W. (Former Lecturer)	Honorary Degree of University of Clermont-Ferrand
Brown, Dr. G. B.	Member of Council and Executive Committee, Royal Institute of Philosophy
Buchanan, Dr. R. O.	Professor of Geography, London School of Economics and Political Science
Bunton, Dr. C. A.	Commonwealth Fund Fellowship
Burt, Professor Sir Cyril	(i) Vice-President representing the Universities, National Foundation for Educational Research (ii) Honorary Degree of D.Litt., University of Reading (iii) Honorary Fellow of Jesus College, Oxford
Butson, Dr. A. R. C.	Albert Medal
Carr-Saunders, Sir Alexander (Former Student)	University Representative, Congress of the Universities of the Empire, 1948
Carter, Mr. E. J. (Former Student)..	Head of U.N.E.S.C.O. Libraries Division
Černý, Professor J.....	University delegate, International Congress of Orientalists
Cass, Mr. E. C. (Former Student) ..	Private Secretary to the Prime Minister
Chalmers, Dr. B. (Former Student)..	Professor of Metal Physics, University of Toronto
Cohen, Sir Robert Waley	Associate Commander, Order of St. John of Jerusalem

Colton, Miss Gladys M. (Former Student)	Headmistress, City of London School for Girls
Clarke, Mr. M. L.	Professor of Latin, University College of North Wales, Bangor
Coldstream, Professor W. M.	Trustee of the National Gallery
Colvin, Mr. H. M. (Former Assistant Lecturer)	Fellow, St. John's College, Oxford
Corbet, Mrs. Freda (Former Student)	(i) Chief Whip, London County Council Labour Party (ii) British Delegate, General Assembly of the United Nations in Paris
Corfiato, Professor H. O.	Fellow of the Society of Antiquaries
Cripps, Sir Stafford (Fellow)	(i) Honorary Degree of LL.D., University of Cambridge (ii) Fellow of the Royal Society (iii) Honorary Degree of D.C.L., University of Oxford (iv) Honorary Degree of LL.D., University of Liverpool
Dale, Sir Henry (Honorary Fellow)..	(i) President, Royal Society of Medicine (ii) Deputy Chairman, Court of the University, 1948–49 (iii) Honorary Fellow, Royal College of Obstetricians and Gynaecologists (iv) Chairman, Radioactive Substances Advisory Committee
Danielli, Dr. J. F.	Professor of Zoology, King's College London
Davies, Dr. D. V. (Former Student)	Professor of Anatomy, St. Thomas's Hospital Medical School
Davies, Mr. Ernest (Former Student)	(i) British Delegate, General Assembly of the United Nations in Paris (ii) British Delegate, Thirty-seventh conference of the Inter-Parliamentary Union in Rome
de Beer, Professor G. R.	(i) Membre d'Honneur, Société Zoologique de France (ii) Delegate of the Royal Society, Thirteenth International Congress of Zoology and Tenth International Congress of Limnology
Dow, Sir Hugh (Former Student) ..	United Kingdom Representative in Palestine
Downie, Miss Phyllis M. (Former Student)	Librarian, Ministry of Education
Dowson, Mr. R. M. C. (Former Student)	Beit Memorial Fellowship for Medical Research
Dukes, Mr. E. M. (Former Student).	Fifth Puisne Judge in Trinidad
Dunsheath, Dr. P.	(i) Member, Court of the University (ii) President of ASLIB—joint organisation of the Association of Special Libraries and Information Bureaux, and the British Society for International Bibliography

Eccles, Dr. W. H. (Former Reader).	Fellow, Royal Society of Arts
Egerton, Sir Alfred (Fellow)	(i) D.Sc. (London) (ii) Member, Council for the Exhibition of Science and Technology, Festival of Britain, 1951 (iii) Chairman, Scientific Advisory Council to advise Minister of Fuel and Power (iv) President, Chemistry section of the British Association, 1949 (v) Director, Salters' Institute of Industrial Chemistry
Emmens, Mr. C. W. (Former Student)	Professor of Physiology, Faculty of Veterinary Science, University of Sydney, N.S.W.
Evans, Dr. B. Ifor (Fellow)	University Representative, Congress of the Universities of the Empire, 1948
Fairman, Mr. H. W. (Former Student)	Brunner Mond Professor of Egyptology, University of Liverpool
Fawcett, Professor C. B.	(i) Leader, British Delegation, International Geographical Congress, Lisbon (ii) Vice-President, Royal Geographical Society (iii) Professor Emeritus, University of London
Fisher, Professor R. A. (Former Professor of Eugenics)	Darwin Medal, Royal Society
Forde, Professor Daryll	(i) President, Royal Anthropological Institute for 1947–49 (ii) Delegate, Royal Society's Scientific Information Conference, 1948 (iii) University Representative, International Congress of Anthropological and Ethnographical Sciences, Brussels, 1948 (iv) Visiting Professor, University of California, Summer Session 1949
Furse, Roger (Former Student)	Royal Designer for Industry (stage and film decor), Royal Society of Arts
Galbraith, Professor V. H. (Former Lecturer)	(i) Member of Council, British Academy (ii) Member, Royal Commission on Historical Monuments (England)
Gardener, A. J. (Former Student) ..	H.M. Ambassador in Afghanistan
Gillie, Dr. Annis C. (Former Student)	Member, Medical Practices Committee, Ministry of Health
Goodeve, Sir Charles (Fellow)	Member, Scientific Advisory Council to advise Minister of Fuel and Power
Gower, Mr. L. C. B. (Former Student)	Sir Ernest Cassel Professor of Commercial Law, London School of Economics
Gray, Sir Archibald (Fellow).....	Honorary Fellow, Royal Society of Medicine
Gray, Dr. C. H. (Former Student)..	Professor of Chemical Pathology, King's College Hospital Medical School

Green, Mr. L. C.	Member, Executive Council, International Law Association
Gregory, Dr. R. A. (Former Research Student and Sharpey Scholar)	Professor of Physiology, University of Liverpool
Gross, Mr. A. (Former Slade Student)	Associate, Royal Society of Painters in Water-Colours
Gunn, Mr. J. C. (Former Lecturer).	Professor of Theoretical Physics, University of Glasgow
Harris, Professor D. T. (Former Assistant Professor)	Professor Emeritus of Physiology, University of London
Hart, Professor C. A.	British Delegate, Eighth International Geodetic and Geophysical Congress
Haslewood, Dr. G. A. D. (Former Student)	Professor of Biochemistry, Guy's Hospital Medical School
Hill, Professor A. V.	(i) Copley Medal, awarded by President and Council of Royal Society (ii) Trustee, British Museum (iii) Honorary Doctorate of the Faculty of Medicine, Universities of Brussels and Toulouse
Hill, Miss Elizabeth M. (Fellow) ...	Professor of Slavonic Studies, University of Cambridge
Hill, Sir George (Fellow)	Serena Italian Medal, British Academy
Hill, Air Chief-Marshal Sir Roderic (Fellow)	Rector, Imperial College of Science and Technology
Himsworth, Professor H. P. (Fellow)	Secretary, Medical Research Council
Hirons, Mr. E. T. (Former Student)	President, Graduate Teachers' Association
Holdsworth, Mr. H. (Former Student)	Librarian, University College of the West Indies
Hooke, Professor S. H. (Former Research Student)	Burkitt Medal, British Academy
Hopwood, Professor F. L. (Former Student)	Emeritus Professor of Physics, University of London
Hughes, Professor E. D.	Fellow of the Royal Society
Ince, Sir Godfrey (Fellow)	Government Representative, British Delegation, International Labour Conference, San Francisco, 1948
Ingold, Professor C. K.	(i) Corresponding Member, Royal Academy of Sciences of Spain (ii) Honorary Councillor, Spanish Higher Council of Scientific Research
James, Dr. A. T. (Former Student).	Beit Memorial Fellowship for Medical Research
James, The Rev. Professor E. O. (Fellow)	Professor of History and Philosophy of Religion, University of London
Jameson, Sir Wilson (Former Research Student)	(i) Honorary Degree of Sc.D., University of Cambridge (ii) Head of United Kingdom Delegation, World Health Assembly
Jane, Dr. F. W.	Professor of Botany, Royal Holloway College

Jolowicz, Professor H. F.	Regius Professor of Civil Law, University of Oxford
Jones, Professor Daniel	Professor Emeritus, University of London
Jones, Dr. Emrys	Fellowship, Rockefeller Institute, New York
Karunaratne, Professor W. A. E. (Fellow)	Knight of St. Gregory
Kilpatrick, Rev. G. D. (Former Student)	Dean Ireland Professor of Exegesis of Holy Scripture, University of Oxford
King, Professor W. B. R. (Former Professor)	Fellow of the Royal Society
Kirk, Professor J. (Former Lecturer, Anatomy Department, and Senior Tutor)	Professor Emeritus, University of London
Layton, Lord (Fellow)	Deputy Chairman, Newsprint Supply Company
Livingston, Air Vice-Marshal P. C. (Former Student)	Director-General of Royal Air Force Medical Service
Lloyd Jones, H. V. (Former Student)	King's Counsel
Lovatt Evans, Professor C. A.	Professor Emeritus, University of London
MacDonald, Dr. G. G. (Former Student)	Master of the Worshipful Company of Barbers
MacFarlane, L. J. (Former Student)	Rome Scholarship in Mediaeval Studies, 1949
McClean, Dr. R. J. (Former Research Student)	Professor of German and Germanic Philology, Birkbeck College
McLean, Professor R. C. (Former Student)	Member, Nature Conservancy set up by House of Commons
Macpherson, Dr. A. I. S. (Former Student)	Rockefeller Travelling Fellowship in Medicine
Marrian, Professor G. F. (Fellow) ..	(i) Amery Prize, American Academy of Arts and Sciences (ii) Member, Agricultural Research Council
Massey, Professor H. S. W.....	University Representative, International Congress on Applied Mechanics
Mather, Dr. K. (Former Lecturer)..	Professor of Genetics, University of Birmingham
Maufe, Mr. E. (Former Student)...	Honorary Chief Architect and Artistic Adviser, Imperial War Graves Commission
Morgan, Mr. H. A. K. (Former Student)	Assistant Director of Public Prosecutions
Morton, Air-Commodore T. C. St. C. (Former Student)	Air Vice-Marshal
Mould, Mr. James (Former Student)	King's Counsel
Murphy, Mr. A. J. (Former Student)	Member, Inter-Service Metallurgical Research Council, Admiralty and Ministry of Supply

Neale, Professor J. E.	(i) Honorary Degree of D.Litt., University of Wales (ii) Fellow of the British Academy
Offor, Dr. R. (Fellow)	(i) Emeritus Librarian, University of Leeds (ii) Library Adviser to University Institutions in the Colonial Empire
Offord, Professor A. C. (Former Student)	Professor of Mathematics, Birkbeck College
Pattison, Dr. B.	Professor of Education, Institute of Education
Pearsall, Professor W. H.	(i) Member, Nature Conservancy set up by House of Commons (ii) British Representative, Ninth International Phytogeographical Excursion in Ireland
Penson, Professor Lillian M. (Former Student)	(i) Vice-Chancellor, University of London (ii) Representative of Great Britain, Conference of University Vice-Chancellors and Principals from Commonwealth countries, Canada, 1949 (iii) Honorary Degree of LL.D., University of Cambridge
Philpott, Dr. S. J. F.	President, British Psychological Society
Popham, Mr. A. E. (Former Student)	Fellow of the British Academy
Prout, Mrs. M. Fisher (Former Slade Student)	Associate of the Royal Academy
Pye, Dr. D. R.	Member, Board of Governors of University College Hospital
Richards, Dr. P. W. (Former Student)	Professor of Botany, University College of North Wales, Bangor
Richnell, Mr. T. D. (Former Student)	Deputy Librarian, University of London
Robinson, Sir Robert (Former Professor)	(i) Member, Council to supervise the Festival of Britain, 1951 (ii) Honorary Degree of Sc.D., University of Cambridge (iii) Honorary Degree of LL.D., University of Liverpool
Rogers, Dr. C. A.	Commonwealth Fund Fellowship
Rose, Dr. W. (Former Student)....	Professor of German Language and Literature, London School of Economics
Salisbury, Sir Edward (Fellow)	(i) Member, Council for the Exhibition of Science and Technology, Festival of Britain, 1951 (ii) Vice-President of the Royal Society, 1949
Saunders, Mr. S. G. (Former Student)	Deputy Principal, City Literary Institute

Savage, Sir William (Former Student)	Chairman, Working Party of the Catering Trade
Schwarzenberger, Dr. G.	President, Legal section of International University Conference arranged by the Austrian College under auspices of Austrian University Teachers, 1949
Singer, Professor C. (Professor Emeritus)	Honorary Fellow, Royal Society of Medicine
Sisson, Professor C. J.	(i) General Editor, Modern Language Review (ii) Visiting Professor, University of North Carolina, Spring Term 1949 (iii) Delivered Turnbull Lectures at Johns Hopkins University, Baltimore, 1949 (iv) Representative of Great Britain, Committee of International Cultural Co-operation, 1949
Smith, Dr. Sydney (Former Student)	Professor of Ancient Semitic Languages and Civilisations, School of Oriental and African Studies
Stewart, Mr. H. C. (Former Student)	Reader in Pharmacology, St. Mary's Hospital Medical School
Stoljar, Mr. S. (Former Student)...	Director of Studies for Foreign Lawyers, Foreign Office
Strang, Sir William (Fellow)	Permanent Under-Secretary of State, Foreign Office
Tansley, Professor A. G. (Fellow) ..	Chairman, Nature Conservancy set up by House of Commons
Thorp, Mr. L. (Former Student) ..	Chancellor of the Diocese of Chelmsford
Tidy, Sir Henry (Former Research Student)	Honorary Fellow, Royal Society of Medicine
Turner, Mr. E. G.	University Representative, Sixth International Congress of Papyrologists, Paris, 1949
Ward, Professor Ida (Former Lecturer and Research Student)	Emeritus Professor of West African Languages, University of London
Waterhouse, Mr. M. (Former Student)	President, Royal Institute of British Architects
Watson, Professor D. M. S.	(i) Foreign Member, Royal Physiographical Society, Lund (ii) Honorary Degree of D.Sc., University of Wales (iii) Honorary Degree of D.Sc., University of Reading (iv) Linnean Medal, 1949 (v) Honorary Degree of D.Sc., University of Witwatersrand
Weiss, Professor F. E. (Fellow).....	Linnean Medal in respect of war years

Westoll, Dr. T. S. (Former Research Student)	Professor of Geology, King's College, Newcastle-upon-Tyne
Wheeler, Dr. R. E. Mortimer (Fellow)	(i) Professor of Archaeology of the Roman Provinces, Institute of Archaeology (ii) Secretary of the British Academy
Wilkins, Dr. F. (Former Research Student)	(i) Principal Director of Scientific Research (Defence), Ministry of Supply (ii) Member, Defence Services Research Facilities Committee set up at the invitation of the Royal Society
Willoughby, Professor L. A.	(i) University Representative, Bicentenary Celebrations of Goethe's birth, Frankfurt-am-Main, 1949 (ii) Award by the British Council of a travel grant to Toronto, Queen's, MacGill and British Columbia Universities under a scheme to facilitate interchange of University teachers between Commonwealth countries and the United Kingdom
Winton, Professor F. R.	Survey and Organisation, Medical Research in Germany, on behalf of the Medical Research Council and Foreign Office
Wooldridge, Dr. W. R. (Former Student)	Member, Poultry Committee, Ministry of Agriculture
Young, Professor F. G.	(i) Fellow of the Royal Society (ii) Sir William Dunn Professor of Biochemistry, University of Cambridge
Zuckerman, Professor Solly (Former Student and Demonstrator)	(i) Member, Scientific Advisory Council to advise Minister of Fuel and Power (ii) Deputy Chairman, Advisory Council on Scientific Policy (iii) Deputy Chairman, Committee on Industrial Productivity (iv) Member, Agricultural Research Council

ACADEMIC STAFF AND WORK OF THE FACULTIES

FACULTY OF ARTS

Professor G. J. Renier was elected Dean of the Faculty for the session 1948–49 in succession to Professor B. Woledge. Professor Lockwood and Dr. R. D. McLellan have continued as Vice-Dean and Sub-Dean of the Faculty respectively.

Dr. Marian E. A. Bowley, Miss Margaret S. Drower and Dr. C. P. Magill were granted Recognition as Teachers of the University, Probationary Recognition being granted to Mr. A. C. Gimson, Mrs. Winifred Nowottny and Mr. J. D. O'Connor. Dr. A. W. Stonier has been appointed a member of the Faculty.

The first Visitation of the University since January 1937 was made to the Faculty in March 1949. The following persons appointed by the Senate under Statute 114 acted as Inspectors: Dr. J. F. Mountford, Dr. E. A. Benians and Professor R. G. D. Allen. They made a complete tour of all the departments of the Faculty, subsequently meeting for discussion both members of the academic staff and student representatives.

ANTHROPOLOGY

Dr. J. G. Peristiany resigned his lectureship at the end of the session 1947–48 in order to proceed to an appointment as University Lecturer in Anthropology at Cambridge. Dr. Phyllis Kaberry, who was appointed to the vacant lectureship, was unable to take up her appointment until January 1949. Mrs. Paula Brown, of the University of Chicago, was appointed as temporary Assistant Lecturer for the session 1948–49, prior to the arrival next session of Mr. J. A. Barnes of the Rhodes-Livingstone Institute, who was appointed to the second lectureship. Mr. J. Slaski held an appointment as Research Assistant during the session 1948–49.

The courses in Anthropology were generally similar to those given in previous years. Intercollegiate arrangements with the London School of Economics, the Institute of Archaeology and the School of Oriental and African Studies were continued. The department also contributed to the special courses and supervision for Colonial Officials conducted by the University under arrangement with the Colonial Office.

Postgraduate work has been developed considerably. Mr. M. G. Smith, a graduate of the department, obtained a Colonial Office Social Science studentship for two years and sailed in May 1949 for Zaria

Province, Northern Nigeria, to undertake a socio-economic survey of the district after a period of preparation in the department. Mr. W. B. Schwab, a graduate from the University of Pennsylvania on a Colonial Office Social Science studentship, is also preparing for a period of field research in Southern Nigeria.

Mr. N. A. Barnicot, Lecturer in Physical Anthropology, has been carrying out various investigations in body-build, taste-testing and skeletal physiology. An extension of his work on taste-blindness has been arranged to be carried out in Nigeria and Sarawak.

BARTLETT SCHOOL OF ARCHITECTURE

Mr. H. Ingham Ashworth resigned his appointment as Lecturer in December 1948 on being appointed Professor of Architecture at the University of Sydney. The vacancy created by his resignation was filled by Mr. C. W. A. Smeed. Mr. C. G. H. Plant was appointed as Assistant in the School in October 1948. The title of Director of the Division of Decoration has been conferred upon Mr. H. Warren Wilson.

Owing to the large number of applicants for admission to the School for the session 1948–49, admission was restricted to those who had passed a special entrance test.

The following special lectures were given during the session 1948–49: *Some Trends in Architectural Design in Europe and America since the War* by Mr. R. Gordon Brown; *Decorative Ironwork of the Tudor and Stuart Periods* by Mr. S. Lindsay; *The Arrangement and Furnishing of a Church in accordance with Liturgical Requirements* by the Reverend C. B. Mortlock.

The Division of Decoration has now reinstated the course in practical painting. Some of the students have carried out murals for the St. Pancras Library.

A scheme, whereby an exchange of students between the Bartlett School of Architecture and the School of Fine Arts in Paris was made during the session 1948–49, proved most successful. This has been made possible by the generous offer of Mr. A. Bossom, F.R.I.B.A., M.P., who gave a travelling scholarship to the value of £300 to enable a French postgraduate student to study in the School for a year. The French Government offered a scholarship to enable a student of the Bartlett School of Architecture to complement his studies by a year's work in the Ecole de Beaux Arts in Paris.

Several students were awarded research scholarships: in particular, Mr. A. J. Kaye has been offered a grant by the Goldsmiths' Company to enable him to travel to Tripolitania and assist in excavations at Leptis Magna, and Mr. R. A. Dick, in an international competition, won a postgraduate scholarship to Cornell University in 1948. Mr. A. M. Foyle of the staff was awarded a research grant in order that he might visit Nigeria and report on housing conditions there.

ARCHAEOLOGY

Professor Bernard Ashmole, who was appointed to the Yates Chair of Archaeology in 1929, resigned at the end of the session 1947–48 in order to devote all his time to his post as Keeper of Greek and Roman Antiquities at the British Museum. In October 1948 Professor C. M. Robertson, formerly Assistant Keeper in the Department of Greek and Roman Antiquities at the British Museum, was appointed to the Chair, the title of which was altered by the Senate to the Yates Chair of Classical Art and Archaeology.

In addition to the normal work of the department, the study and photographing of the Gayer-Anderson collection of Greek and Roman antiquities was continued. This collection was given to the University in 1946 by Major R. G. Gayer-Anderson Pasha and Colonel T. G. Gayer-Anderson, and has recently been placed on exhibition in the department. It contains some ancient casts, in fine plaster, of small works of art in metal. These, which are of great rarity, were evidently made in Egypt about the first century A.D. and seem to have served as models or samples. Closely similar casts have lately been discovered in excavations on one of the ancient Eastern trade routes, at Begram in Afghanistan. Of the objects not collected in Egypt the best is an Athenian vase of very high quality, by the Pan painter, made about 480 B.C.

Small but useful additions to the teaching collection have also been made by gifts from Miss Margaret Eyre and Mr. Henry M. Fletcher.

EGYPTOLOGY

Mr. A. J. Arkell took up his teaching duties as Lecturer in Egyptology at the beginning of the Summer Term in 1948 though he continues to act as Archaeological Adviser to the Sudan Government during the Spring term of each session, and in 1949 excavated on behalf of that Government an early occupation site with results which throw important light on Egyptian prehistory.

A gift of antiquities from Mr. Guy Brunton, a former student of the department and until recently Keeper of the Egyptian Museum, Cairo, should be recorded, as well as valuable additions to the Edwards Library presented by Dr. A. H. Gardiner. Lady Petrie has presented a valuable collection of prehistoric pottery, and the late Lady Robinson has bequeathed to the department a number of books and paintings and some small antiquities.

ENGLISH

Dr. A. H. Smith who has been a member of the staff of the department since 1930 has been appointed to the Quain Chair of English Language and Literature. Dr. Bruce Pattison resigned his Readership on appointment to a Professorship in the Institute of Education at the

beginning of the session 1948–49. Mr. B. D. Greenslade was appointed as an Assistant in October 1948 and Miss H. Elizabeth Williams resigned her post as Assistant in September 1949, upon her marriage.

Members of the department have taken a large part in the inter-collegiate lectures in English. Dr. H. Jenkins gave eight lectures in the Autumn term on Metaphysical Poetry and four were given by Dr. G. J. Kane in the Spring term on *Piers Plowman*. The department continues to attract postgraduate students from overseas, particularly from the Commonwealth and the United States.

The preparation of a new edition of Shakespeare, with a *Companion to Shakespeare* as Preface, has been continued as a communal labour by Professor Sisson, Dr. Jenkins, Dr. Hulme, Mrs. Nowottny, Professor Pattison, Mr. Spencer, and Miss Husbands. The work on *Piers Plowman* by Dr. Kane continues, in preparation for a definitive edition. Professor Mitchell, of the University of Sydney, also a former co-worker with Professor Chambers upon the C–text, during the session 1948–49 acted as an Honorary Research Associate completing his work on this text.

The unique Elizabethan style of press, which was used before the War in the practical teaching of Elizabethan bibliography, was destroyed by enemy action, as well as the whole equipment of type and other material, together with the press-room. Professor A. H. Smith, the designer and builder of the press, has completed the building of a new press, with the help of Mr. Brown and Mr. Quirk. Type is being acquired, and the teaching of Printing and Bibliography will be resumed in 1949–50, in the departmental work-room, pending the allocation of a new press-room.

FRENCH

The retirement of Mr. J. W. Jeaffreson at the end of the session 1948–49 after a long and distinguished career in the College is a heavy loss to the department. Other staff changes have been as follows: in October 1948 M. Jean Auffret, and M. Francois Rongier who resigned to take up a post with the B.B.C., were replaced as Assistants in the department by Dr. Sibyl Hollins and Mr. C. A. Mayer, both former students of the College. Mr. Mayer resigned at the end of the session 1948–49 on appointment at University College, Hull. Dr. Elaine C. Southward also left the department.

In the session 1947–48 the pre-war custom whereby students stayed for one term during their undergraduate course at a French University was resumed. This policy was continued in 1948–49 and it was arranged that most of the first-year students in the Honours School should spend the third term either at Montpellier or at Bordeaux.

Co-operation with the Phonetics Department has continued to be of the greatest value and intercollegiate work has increased slightly.

Students from five other Colleges attended the special course in Mediaeval Literature and several University College students attended Professor Saurat's lectures at King's College.

Research work continued to expand and the number of students reading for higher degrees steadily increased, while the proportion of staff directing research was higher than at any time in the history of the department.

GEOGRAPHY

The retirement of Professor C. B. Fawcett at the end of last session terminated his tenure of the Chair of Geography which had extended over a period of twenty-one years. Professor H. C. Darby of the University of Liverpool was appointed as his successor. At the same time the department lost the services of Dr. R. O. Buchanan, Reader in Economic Geography, who has been appointed to the Chair of Geography, London School of Economics.

At the beginning of the session 1948–49 Mr. R. T. Cornish, who had been acting as part-time Lecturer during the two preceding sessions, relinquished his appointment at Birkbeck College and joined the staff of the department as a full-time Lecturer. Miss Kathleen M. Holmes was appointed as a temporary Assistant Lecturer for one session in place of Dr. Emrys Jones who had been awarded a Rockefeller Fellowship. Dr. Jones worked during the session in association with Cornell University, U.S.A. Mrs. Rachel Fox was appointed as a Research Assistant. In the course of the session Dr. R. J. Harrison-Church of the London School of Economics gave one of the advanced courses in place of Mr. A. E. Smailes who was granted leave of absence in order that he might act as Head of the Department of Geography at Queen's University, Belfast.

Work on the new syllabus for Honours and Special degrees began in October 1948. This has involved the introduction of new courses adapted to the new regulations parallel with the continuance of senior courses on the old regulations. This overlap will continue for one more session.

The field work classes have been carried on as usual; in 1948 the senior class was in the Isle of Man and in 1949 it was held in Ulster.

Research is being carried out in connection with the "Committee for the Promotion and Co-ordination in the British Isles of Studies in Urban Geography", under the guidance of its secretary Mr. A. E. Smailes. He has been engaged on urban research for Northern Ireland and Mrs. Fox has been working on the towns of North Wales. It is hoped in time to cover the whole country by an urban survey of this nature and to make this department the headquarters of the research.

GERMAN

Dr. Elizabeth M. Wilkinson, who was promoted to a Readership in 1948, returned to the department after a year's leave of absence at

the beginning of the session 1948-49. At the end of the session Dr. C. P. Magill resigned his lectureship on appointment to the staff of the German department at King's College.

The department has functioned smoothly with its normal complement of students, graduate and undergraduate. Contacts with German speaking countries have developed steadily : not only have the students been attending increasingly courses at German Universities, but the staff has renewed friendly relations with scholars on the continent of Europe generally and visits from colleagues abroad have become more frequent.

In the summer of 1949 the College was the centre of the London Goethe Celebrations and the Executive Committee of the Festival Society met regularly in its precincts. A series of six Goethe lectures held under its auspices filled to overflowing the largest theatre the College could provide. Members of the staff, Dr. Elizabeth M. Wilkinson and Dr. C. P. Magill, both delivered Goethe lectures in London and the provinces. Professor L. A. Willoughby was invited to deliver the Bicentenary Lecture before the University of Cambridge, at Sheffield, Leeds and Bristol. He represented the University of London and the English Goethe Society at the Celebrations in Frankfurt in August. He has been invited to deliver lectures in commemoration of the Goethe Bicentenary in many American and Canadian Universities during the autumn of 1949.

GREEK

Professor M. T. Smiley, who had held the Chair of Greek since 1925, retired at the end of the session 1947–48 and was succeeded by Professor T. B. L. Webster of the University of Manchester. At the same time Mr. E. G. Turner was appointed Reader in Papyrology.

Besides the normal degree courses, special courses in Elementary Greek and in Greek Tragedy and Prose Texts were given for students of other departments and continued to attract considerable numbers of students reading for Honours in other subjects. A special course on Greek Art and Literature was also given in the second term of the session 1948–49 and was attended by about fifty students from the English, Greek and Latin departments of the College and from Westfield College and Queen Mary College.

HEBREW

Mr. L. Jacobs left the department at the end of the session 1947–48, and Mr. N. M. Sarna resigned his lectureship at the end of last session in order to take up a post in the Department of Education of the Israeli Government. He will be succeeded by Dr. E. Wiesenberg who has been acting as a part-time Assistant in the department since October 1948.

The number of students in the department has increased steadily during the past two sessions. Besides postgraduate students and undergraduates taking Hebrew as an Intermediate, General, Subsidiary or Honours subject, there were last session some students from other departments who wished to take Hebrew as an optional non-examination subject. Weekly tuition was provided for them in Biblical and Post-Biblical Hebrew. As the Honours syllabus comprised a considerable part of Post-Biblical Literature, it was felt necessary to introduce a special course on the literary history of this period.

The subjects of research of the students reading for higher degrees included various Mediaeval and Renaissance scholars, the editing of hitherto unknown or uncritically prepared texts and an enquiry into Anglo-Hebrew scholarship in the 17th century. A weekly postgraduate seminar on Mediaeval Jewish philosophy aimed to prepare the ground for the scientific approach to some of the subjects.

HISTORY

Several changes in the staffing of the department have to be recorded. Dr. R. A. Humphreys, formerly Reader in the department, was appointed to the newly established Chair of Latin American History. Mr. H. M. Colvin and Mr. A. R. M. Carr, Assistant Lecturers in the department, both left at the end of the session 1947–48, the former on his appointment to a Fellowship at St. John's College, Oxford, and the latter to devote his whole time to research as a Fellow of All Souls' College, Oxford. They were replaced by the appointments of Mr. R. H. C. Davis and Mr. I. R. Christie, both of Oxford. A new post was created under the special grant for Social Services, to extend the amount of Economic History done at this College, and to cope with the growing need for teaching in this subject in connection with the B.Sc.(Econ.) degree. The post was filled by the appointment of Mr. A. J. Taylor of Manchester University as Assistant Lecturer.

The Board of Studies in History continued its policy of providing "University Courses" in Mediaeval and Modern European History and in Special Aspects of History, which were held in the Beveridge Hall of the University. Members of the History staff of this College took a considerable part in the lecturing. On the teaching side, perhaps the most important matter to be reported is the revival this session of evening public lectures by members of the staff. This type of lecture has a long tradition in the History department.

At the postgraduate level six research seminars in various fields of History have been conducted by members of the department, in addition to an introductory seminar on the methods of research, held in the first term. Here the growing number of research students has been most impressive, and a valuable and significant feature has been the number coming from overseas. In addition, a number of foreign professors, notably American, Dutch, and Belgian scholars, have been

invited while in London to attend as visitors at seminars in their own fields of study. Their presence has been stimulating to research students, and will prove useful in forging cultural links between this and other countries.

Professor Z. W. Sneller of Rotterdam, while on a visit to England, very kindly took part in the work of the department, both at the undergraduate and postgraduate level. It is hoped that this type of informal co-operation will continue to grow.

ITALIAN

Miss Jean H. M. Adams resigned her post as Assistant Lecturer at the end of the session 1947–48. Her successor was Mr. S. B. Chandler, a former student of the department.

The intercollegiate arrangement with Bedford College continued to work very satisfactorily and courses in the department were also attended by students from King's College and from the Courtauld Institute. The Barlow lectures were delivered during the Winter term by Dr. E. R. Vincent, Serena Professor of Italian Studies in the University of Cambridge, and proved a considerable source of strength to the department. A course on Italian History for students reading for Italian honours was held in the department throughout the session 1948–49 by Dr. N. Rubinstein, Lecturer in Modern History at Westfield College. In both 1948 and 1949 arrangements were made for honours students to attend Summer vacation courses at Italian Universities.

The department's library has been considerably enriched through the very generous gift of about sixty books on Italian Renaissance History and Literature from the executors of the late Sir George Hill.

Research on Mediaeval and Renaissance Literature is being carried out by Professor R. Weiss and Mr. S. B. Chandler.

LATIN

Mr. M. L. Clarke resigned his Readership in the department at the end of the session 1947–48 on being appointed to the Chair of Latin at the University College of North Wales, Bangor. The election of Mr. E. G. Turner to the newly established Readership in Papyrology at the College was particularly welcome, and the aid that he has given in tutorial work has been most valuable. Mr. J. A. Willis, a former student, became an Assistant Lecturer in the department in October 1948, and Miss Brenda M. Tidman and Mr. W. Kamel were appointed Honorary Research Assistants during last session. Mr. G. P. Goold went to an Assistant Lectureship in Classics at the University College, Hull, and Mr. P. J. Honey has obtained a Lectureship at the School of Oriental and African Studies.

The activities of the department were not restricted to the teaching of classical students, whose numbers continue to increase. Apart from

the assistance which has been given to the Department of English in the field of classical literary criticism and Latin palaeography, the scope and range of interest and instruction in mediaeval Latin was extended by adding to the courses in mediaeval Latin for students of History and of Archives special classes in mediaeval Latin literature.

SCHOOL OF LIBRARIANSHIP AND ARCHIVES

During the session 1948–49 there were no changes in the staff or in the courses held in the School of Librarianship and Archives.

A week's vacation course was held at Easter in 1949 for senior librarians. This took the form of an enquiry into problems of library co-operation as they affect libraries of every type in the London area. Eighteen students attended and under the direction of the staff approximately sixty libraries and other institutions such as the Royal Society were personally visited, interviews being pre-arranged with their librarian. The results of these interviews are now being collated and edited by the staff of the School and will be published shortly. It is hoped that much material of value has been obtained as a result of this enquiry on an important subject which figured largely at the Royal Society Scientific Information Conference last year.

The number of applications for admission to the School has continued to increase and preference is now being given to candidates who have had at least some experience of actual work in a library after graduation.

PHILOSOPHY

The staff of the department has increased in the course of the session 1948–49 by the appointment of Mr. R. A. Wollheim as Assistant Lecturer in Political Theory.

Undergraduates now coming to the department are being taught under the new syllabus which comes into force for examination purposes in 1951.

PHONETICS

At the end of the session 1948–49 Professor Daniel Jones retired from the Chair of Phonetics which he had held since 1921. He was first appointed to the staff of the department in 1906. Dr. D. B. Fry has been appointed Head of the department for a period of five years. Miss A. D. Parkinson, Assistant and Secretary of the department, has also retired after a term of service in the department extending over twenty-nine years.

During the session 1947–48 experiments on hearing were started in the Phonetics Laboratory and work on the testing of hearing aids continued to be carried out jointly with the National Institute for the Deaf. Co-operation with the Royal Ear Hospital was also extended.

The construction of a sound-proof room, which makes possible a much larger range of experiments, commenced during the summer of 1948, was completed last session and is now ready for experimental work.

The courses of English Phonetics and Spoken English for Foreign students (this session confined to those who were teachers of English, or about to become teachers) were well attended.

A number of postgraduate students have been working for higher degrees in the department and during the past two sessions research work has been undertaken by members of the staff on the phonetics of Finnish, Kaffir, Swahili, Pekingese, and a Neapolitan dialect.

POLITICAL ECONOMY

In October 1948 two new members joined the teaching staff, Mr. W. J. Corlett, Lecturer in Economic Statistics, and Miss Patricia Nicholson, Assistant Lecturer in Economics. In addition three Research Assistants were appointed, Miss Audrey G. Donnithorne, Mr. P. Robson and Mrs. Pauline Silver. In view of this enlargement of the permanent staff, it was possible to dispense with the services of several of the visiting Lecturers from the Economic Section of the Cabinet Offices and the Central Statistical Office, who had given assistance in the department during the previous session.

Because of the additions to the staff it was possible to cover a wider field of undergraduate teaching than formerly. Thus, teaching both in elementary economic statistics and advanced economic statistics for specialists is now given in the department. The department has depended on the London School of Economics for teaching in certain of the subjects leading to the B.Sc.(Econ.) degree, notably Sociology and Government. In future, however, it is expected that the great majority of the students in the department will choose special subjects which can be catered for by the College.

As a result of the appointment of Research Assistants it was possible to set going several new lines of research. Dr. Marian E. A. Bowley continued her investigations into housing, with the assistance of Mrs. Pauline Silver; Mr. H. Tout and Mr. P. Robson worked on the question of the functions of Development Councils and similar organisations in the sphere of State-industry relationships; and Professor G. C. Allen and Miss A. G. Donnithorne began research into the question of the part played by Western enterprise in certain Far Eastern countries and recent changes in the position of Western enterprise in those countries. Dr. A. W. Stonier and Mr. D. C. Hague are at work on a book on economic theory. Mr. W. J. Corlett is engaged in investigations of the elasticity of substitution in foreign trade, in collaboration with Professor Meade and Mr. D. J. Morgan of the London School of Economics. Miss P. A. Nicholson is giving assistance to Professor Postan in connection with a volume of war history.

Improvements have been made in the accommodation available in No. 24 Gordon Square where the department is housed. When the building work now being carried out on Nos. 24–26 Gordon Square is completed, further improvements will result, and it will then be possible to house the majority of the economics books in these premises.

PSYCHOLOGY

The growing interest in the social and psychological sciences since the war has resulted in a marked increase in the number of students seeking to take either a first or a higher degree in Psychology.

The subjects investigated by students working for a higher degree are exceedingly varied. Many students are engaged on problems submitted directly or indirectly by Government departments or similar bodies: *e.g.*, methods of allocating pupils under the new Education Act, methods of selecting candidates for the Civil Service, or for work in one or other of the Fighting Services, diagnostic procedures for detecting mental deficiency, psychoneurotic disorders and psychotic states; others are engaged on a wide variety of problems in educational, social, political and medical psychology. In the main these are being studied along broad statistical lines; but there is a pressing need for supplementing such an approach by more intensive experimental work.

The main feature of the past session has been the endeavour made to improve the facilities for practical work in the laboratory both for undergraduate and postgraduate students. Owing to the war, it was impossible to keep laboratory apparatus up to requirements. But during the last session the purchase of new apparatus and test-materials has gone some way towards remedying these deficiencies. As a consequence the entire series of practical courses for degree students has been revised, and the department is now able to encourage a wider variety of experimental researches on basic problems in general psychology.

SCANDINAVIAN STUDIES

Mr. I. Grondahl, W. P. Ker Lecturer in Norwegian, retired at the end of the session 1947–48 after thirty years' service in the College, during which time he established the study of his subject and made many contributions to its advancement. Mr. E. E. Johnsen was appointed to the Lectureship in his place. Mr. P. Brandberg took up his duties as the Crown Princess Louise Lecturer in Swedish at the beginning of the session 1948–49. Mr. C. A. Luttrell continued as Assistant Lecturer in Old Norse. Mr. E. Bredsdorff resigned the Queen Alexandra Lectureship in Danish on his appointment as Lecturer in Danish in the University of Cambridge. Mr. H. A. Koefoed has been appointed as his successor.

During the past session there was a slight increase in the number of students in the department; the most satisfactory aspect of this was that

five students were reading for the B.A. Honours degree in Scandinavian languages (four in Danish and one in Swedish).

All members of the staff have devoted a great deal of time and effort to the preparation of bibliographies for the library, which has continued to receive most welcome gifts.

The close connection which the department has had over many years with the University of Cambridge, where a good deal of the teaching in Scandinavian languages was provided by the staff of this College, has now come to an end.

SLADE SCHOOL OF FINE ART

In the third term of the session 1947–48 the School lost the services of Professor Randolph Schwabe, whose death in September 1948 is recorded elsewhere. Professor W. M. Coldstream, previously Head of the Department of Drawing and Painting at the Camberwell School of Arts and Crafts, has been appointed as his successor as from October 1949. Professor R. Wittkower, formerly Reader in the History of Classical Tradition in Art at the Warburg Institute, has been appointed to the part-time Durning-Lawrence Chair of the History of Art, which was instituted by the University in December 1948. Two members of the staff left the College at the end of the session 1948–49: Mr. H. L. Wellington, who had maintained the teaching in the History of Art since Professor Tancred Borenius was obliged to relinquish it on account of ill health, and Mr. V. Polunin, who for the past twenty years had conducted classes in stage and decorative painting.

During the session 1947–48 the number of students was abnormally high and the reduction in numbers which was effected in the session 1948–49 was found to be beneficial to the School. The examiners for the University Diploma in Fine Art considered the standard of work to be high.

It was an unusual feature of the School's activities last session that five present students were engaged in part-time teaching in other Art Schools.

Candidates competing for places in the School for the session 1949–50 sat, in January 1949, for the first entrance examination to be held at the Slade School. Over two hundred candidates entered for the fifty places available and the successful competitors were all of a very high standard.

TOWN PLANNING

The Department moved into new temporary quarters in Euston Buildings at the beginning of the session 1948–49; and all but a few of the lectures and seminars are now held in this building, which is open for drawing-office practice also on four afternoons and four evenings a week.

The Town Planning courses, comprising the Preliminary Course, the College Certificate Course and the University Diploma Course, now extend over three years if taken part-time; and alternative part or full-time courses are available in the Certificate year.

The Institute of Landscape Architects offered to provide for a special Lectureship in Landscape Design in the department for a period of seven years. Mr. G. P. Youngman was appointed as the first Lecturer and took up his duties in November 1948. Courses in Landscape Design are given to the three years of Town Planning students—Preliminary, Certificate and Diploma: in addition, twenty students are following Mr. Youngman's lectures with the aim of taking the professional examinations of the Institute of Landscape Architects.

Students taking the Diploma Course have carried out a survey and development plan for South Hammersmith with the help of the Borough and of the London County Council. The proposals aroused considerable interest and the survey information and research will be of value for statutory planning purposes.

Under the direction of Professor C. A. Hart of the department of Civil and Municipal Engineering, and with the collaboration of other members of the staff of the two departments, a course on "Air Survey Interpretation for Planning Purposes" was organised in July 1948 for the officers of Local Planning Authorities in the Greater London Region. A similar course was held in July 1949.

FACULTY OF LAWS

Professor G. W. Keeton has continued to hold office as Dean of the Faculty. At the end of the sesion 1948–49 Dr. G. Schwarzenberger resigned the office of Sub-Dean and Faculty Tutor. He has been nominated as Vice-Dean in succession to Professor H. F. Jolowicz. The following have been appointed members of the Faculty: Mr. J. L. J. Edwards, Mr. D. C. Holland, Mr. E. R. H. Ivamy, Mr. A. S. Orr and Mr. E. H. Scammell.

Professor S. G. Vesey-FitzGerald resigned his appointment at the College at the end of the session 1947–48 when the School of African and Oriental Studies became exclusively responsible for the Chair of Oriental Laws. Professor Vesey-FitzGerald had been a member of the staff at University College since 1932, first as Lecturer and then as Reader in Indian Law. The title of Professor of Oriental Laws was conferred on him by the University in 1946. Dr. M. I. Zagday resigned his post as Assistant Lecturer and returned to India in May 1948. In December 1948 the Faculty suffered a further heavy loss by the

appointment of Professor H. F. Jolowicz to the Regius Chair of Civil Law at Oxford. Professor Jolowicz was first appointed to the staff of the College in 1924, was promoted to a Readership in 1929 and the title of Professor of Roman Law was conferred upon him by the University in 1931. Professor Jolowicz has been Sub-Dean, Vice-Dean and Dean of the Faculty, during the tenure of his appointment in the department. During the past session Dr. J. M. Ganado, Mr. D. C. Holland, Mr. E. H. Scammell and Miss Susan Strange have been appointed Assistant Lecturers, and the University has conferred the title of Reader in English Law on Mr. R. C. FitzGerald.

In April 1948 there was a Visitation of the University to the Faculty, when an inspection was made by the following visitors appointed by the Senate: Professor A. L. Goodhart, Professor H. A. Holland and Professor F. Norman.

Postgraduate teaching has continued to expand and the Faculty last session included approximately forty students who were studying for higher degrees.

A full programme of weekly lectures during the first two terms on Current Legal Problems again attracted large audiences. The series of lectures upon Current Legal Problems delivered in the sessions 1947–48 and 1948–49 have been published.

To commemorate the Bentham Bicentenary, members of the Faculty prepared a volume of essays on aspects of Bentham's contribution to the study and reform of the law.

The past session was marked by the formation of the Bentham Club, comprising graduates and members of the staff of the Faculty of Laws. The late Lord du Parcq was the first President of the Club.

FACULTY OF SCIENCE

Professor W. H. Pearsall and Professor H. S. W. Massey have continued to hold office as Dean and Vice-Dean of the Faculty respectively, Mr. D. O. Wood as Sub-Dean, Tutor to Science Students and Senior Tutor of the College.

Mr. D. R. Bates, Dr. G. E. Fogg, Dr. N. L. Johnson and Mr. L. A. Wigglesworth have been granted Recognition as Teachers of the University. Mr. R. T. Cornish has been appointed a member of the Faculty.

A Visitation of the University was made to the Faculty in March 1949. The Inspectors appointed by the Senate, Sir James Chadwick and Professor F. E. Fritsch, toured all the Science departments and met for discussion members of the academic staff and representatives of the student body.

BOTANY

Dr. F. W. Jane, who had been a member of the staff of the department since 1929 and a Reader since 1945, was appointed to the Chair of Botany at Royal Holloway College at the end of last session. The Quain Studentship in Biology was resigned by Miss Eily A. Archibald on her return to South Africa in January 1949.

The courses for the new Special degree which cover a wider field have made a considerable demand on the teaching staff. While the work of the department has continued to be hampered by shortage of laboratories and of facilities for experimental work, space borrowed from the School of Architecture and converted into two small laboratories has afforded a useful addition to postgraduate accommodation. Necessary apparatus is gradually being acquired, important additions during the year being a micro-manipulator and micro-forge.

The work carried on in the department on algal physiology and ecology was extended further by a grant from the Medical Research Council towards the investigation of fat production by algae. This was under the general supervision of Dr. G. E. Fogg, who visited Göttingen during the year to obtain information and material. Mr. P. J. Syrett has obtained highly important results from his work on algal respiration, while much work on algal ecology is also approaching the stage of publication. A grant from the Department of Scientific and Industrial Research has enabled research on biological aspects of lake-bottom deposits to be continued. Work on the statistical analysis of vegetation has been undertaken; it owes much to the co-operation of the department of Statistics. Other work under Mr. H. Tristram, in an advanced stage of progress, deals with the metabolism of soil bacteria. In the morphological field three lines of enquiry may be mentioned. Dr. F. W. Jane has been working on a book on West African woods. Mr. D. J. B. White has nearly completed a study of leaf and xylem development. Mr. P. R. Bell has continued his work on the morphology of certain tropical ferns and on certain aspects of bryophyte distribution. Small parties under Mr. Bell visited Switzerland and Portugal during the year for field work, while two postgraduate students spent a month on Trico in the Azores.

CHEMISTRY

The appointment of Professor E. D. Hughes, formerly an Honorary Research Associate, to the new Chair of Chemistry in the department in October 1948 was warmly welcomed. During last session Dr. C. A. Bunton was granted leave of absence in order to take up the award of a Commonwealth Fund Fellowship for the further study of mass spectrography in the U.S.A. His place in the department was taken by Dr. J. Hirst. Other vacancies on the staff have been ably

filled by Mr. A. T. Austin, Dr. G. Kohnstam and Dr. P. B. D. de la Mare.

The first group of students to complete the new three-year course for the B.Sc. (Special) degree in Chemistry, took Part II of their Final examination in June 1948. Now that it has been possible to observe how this new course works in all three years, both in Chemistry and in the three ancillary subjects, the department is of the opinion that the course constitutes a real educational achievement, though improvement in detail has yet to be secured.

The new elementary laboratory has satisfactorily completed its first session's work of undergraduate teaching. In the main building, the crystallography laboratories under Dr. Kathleen Lonsdale have been completed, and have been used mainly for postgraduate research. A programme of postgraduate lectures and practical work for the newly instituted M.Sc. Degree in Crystallography was carried out jointly with the Department of Physics at Birkbeck College during the session.

Research in all the main directions has made steady progress during the year.

EUGENICS, BIOMETRY and GENETICS

Dr. Myrtle J. Bird left the department of Biometry to take up a research post at the end of the session 1947–48, and was succeeded as Assistant Lecturer by Miss A. C. Elizabeth Suley.

The following have been engaged in research: Professor J. C. Li (Peking), Dr. Kiow, Mr. Mandeville (London), Dr. Milani (Pavia), Dr. Weber (Berne), Mr. Kadri (Alighar), Miss Attfield (London), and Mr. Searle (London).

Practical courses and lectures were given on various branches of genetics in collaboration with the Galton Laboratory, and further lectures on biometry and the mathematical aspects of genetics.

In addition to the research indicated by the list of published papers to be found at Appendix VII, a good deal of research has been carried out on the genetics of *Drosophila subobscura*, including the discovery of a gene suppressing crossing over, and of a gene which in certain circumstances is highly unstable. Hybrids between a number of newt subspecies have been obtained and their fertility and other characters investigated. Surveys have been made, somewhat on the lines of physical anthropology, on the cat population of London, Rome and Venice; and a little cat-breeding carried out. The genetics of a dental abnormality and its frequency in Middlesex have been investigated. The biometry of sea urchins has been studied. Dr. Grüneberg, whose work is now supported by the Medical Research Council, has made a very extensive study of minor skeletal abnormalities in mice, and their inheritance, and further studies on anaemias in mice have been made under his direction.

Galton Laboratory

There have been no changes in the staff of the Laboratory. Miss M. Noel Karn, who was on leave of absence during the second and third terms of last session on account of illness, has now recovered and returned to the Laboratory.

With regard to the research which has been in progress: further investigations are being carried out on the mathematical analysis of human genetical data. The general work of identification and description of human hereditary traits continues. The study of taste deficiency has been intensively pursued and some new aspects of clinical importance have emerged. The technique of chromatography is now being used to discover new genetical factors. Progress is being made in techniques for the elucidation of the tone-deafness phenomenon and the analysis of dermal ridge patterns. The collection of family material for studying genetical linkage in man continues steadily. Anthropometrical measurements have been taken and serological tests have been made. Special attention is being directed to the problem of the causation of mongoloid dysplasia. Results of a large enquiry on the genetics of mammary carcinoma has been published. The work on the hereditary background of diabetes is nearing completion.

Close association with the maternity division of University College Hospital has continued. Special statistical analysis of problems of birth weight, prematurity, infant viability and the hereditary of twinning are in progress.

GEOLOGY

There have been no changes in the staff of the department during the last two sessions.

A start has been made in the division of the first-year courses based on the contrasting requirements of those who study the subject for one year, or more than one year. This has necessitated additional lectures, but has been fitted, without additional work, into the system of triplicating practicals that was unavoidable owing to restricted accommodation. The conduct of triplicated practicals within the limits of the time-table has only been possible by complete reorganisation of the Rock and Mineral Room. This only became practicable by the adaptation of the room in Foster Court which houses the Johnston-Lavis Collection so that it would serve as an Advanced Petrology Laboratory. A start has been made in the rehabilitation of that Collection. Owing to the lack of any palaeontological laboratory the Museum has been in ever-increasing use for practical palaeontology and is also much used for map work.

Vacation Field Classes were fully maintained, North Wales, Torquay, Lyme Regis, Shropshire, Abberley Hills, Ardnamurchan and Kirkby

Lonsdale being among the regions studied. Day and week-end classes during terms have also been held, the former being supplemented as usual by other field excursions arranged by the Greenough Club.

Research work in progress in the department has ranged over a wide field, including South-West Ireland, Dorset, Ardnamurchan, Westmorland and Derbyshire.

HISTORY AND PHILOSOPHY OF SCIENCE

The department has continued to grow and an increasing number of students have been enrolled. An epidiascope has been added to the equipment of the department.

Research has been continued by all members of the staff and some advanced students, and a number of papers have been published, while others are in preparation.

It was decided in the session 1947–48 to include the History of Science with Logic as a subject for the B.Sc. (General) degree. This will entail a new departure, since the work of the department has hitherto been entirely postgraduate. Arrangements were also made for collaboration with the departments of English and Italian, by which the staff of the History and Philosophy of Science department should provide lectures on the scientific background of mediaeval and early modern writers. As a first step, Dr. A. Armitage gave three lectures to students of Italian on the cosmology of Dante.

A British society for the study of the Philosophy of Science has been formed, mainly through the initiative of the department, and has become affiliated with the British Society for the History of Science. Professor H. Dingle has been elected as the first Chairman and Dr. A. C. Crombie as Honorary Secretary. Dr. Crombie attended and read a paper at the meeting of the International Academy for the History of Science at Lausanne, and took part in the vacation course at the Technical University of Aachen at the invitation of the Foreign Office.

MATHEMATICS

Mr. J. C. Gunn resigned his post as Lecturer in the department in February 1948 to take up the post of Professor of Theoretical Physics at the University of Glasgow, while Mr. C. A. Rogers, who has been promoted to a Lectureship, has been granted a year's leave of absence to enable him to take up a Commonwealth Fund Fellowship in the U.S.A. Two Honorary Assistants in the department, Mr. R. L. F. Boyd and Dr. J. B. Hasted, have been awarded I.C.I. Fellowships to continue research work within the department.

During the past session further progress has been made towards the establishment of a post-war equilibrium in the department. For the first time the new third-year course for the B.A. (Honours) and B.Sc.

(Special) degrees was in operation and worked as smoothly as could be judged before the receipt of examination results. The selection of students for entry into the Honours and Special degree course still presents a problem which is not yet completely solved. The new ancillary courses for Special degree students in Physics, Chemistry and Statistics, have continued to prove highly satisfactory in that the classes have maintained a high level of performance as well as interest in the subject. New courses for third and fourth-year Engineering students have received a preliminary trial and will be coming into normal operation next session.

The postgraduate population of the department has grown considerably. Many and varied research seminars have been held, as for instance in the "Theory of Numbers", in Geometry (in collaboration with King's College), in "Nuclear Theory", in the "Theory of Radiation" and in "Electronic and Ionic Phenomena". Research contacts with outside bodies continue to increase.

The experimental aspect of the research programme in Mathematical Physics is running very satisfactorily under difficult conditions of space. Demonstrations for the Special degree students in their first and second years are now being given, and are gradually being expanded to increase the student's awareness of the realities with which his mathematics deals.

PHYSICS

The Senate conferred the title of Reader on Dr. W. E. Duncanson in December 1948, and Mr. R. King was appointed to a newly created Readership with special reference to Metal Physics and took up work in the department in April 1949.

A most successful Science Meeting of the Physical Society was held in the department in February last, when five papers dealing with experimental research carried out in the department were read by members of the staff and research students. These papers have all been accepted for publication in the *Proceedings of the Physical Society*.

STATISTICS

Last session Mr. D. R. Westgarth was appointed Assistant Lecturer for the special purpose of helping research workers in the biological departments with the design and statistical analysis of experiments. It is believed that this innovation has proved of considerable value to members of a number of departments and of the University College Hospital Medical School. Miss J. H. Thompson joined the staff as Research Assistant and Demonstrator. Dr. H. O. Hartley, who was invited by the Mathematical Tables Committee of the U.S. National Research Council to assist in the preparation of a Report on Statistical Tables, was on leave of absence at Princeton University during the summer.

On the basis of three years' post-war experience, final shape has been given to the new B.Sc. (Special) course, which will be introduced in October 1949. Short statistical courses of an ancillary nature have been extended; these have been given to undergraduates in the biological departments as well as in those of Mathematics and Economics and in the Faculty of Engineering. Some postgraduate lectures for biological research workers, as well as a seminar, have also been arranged. Professor Pearson, in the session 1947–48, completed the second year of special lectures arranged for members of the Institute of Actuaries. The demand for evening lectures has continued and a course at two levels has been provided up to the end of the session 1948–49. A large proportion of those attending have been Scientific Officers in the Civil Service who have come by arrangement with the Treasury Education Department. With the increased demand for internal teaching, however, the work involved has become too heavy for the existing staff and will have to be reduced, though it has clearly been providing a need in the London area which cannot be met otherwise at present.

The scheme has been continued for placing students for about six weeks during the summer vacation in various types of industrial or Government establishments in order that they may gain practical experience.

Arrangements have been made with the London School of Economics to share the use of a small Installation of Hollerith Punched Card Machines, which was set up in the latter School in the summer of 1948. This has been used for lecture and demonstration purposes as well as for certain research problems, the largest of which have come from members of the department of Psychology.

ZOOLOGY

No new members have joined the departmental staff during the period under review, but Mr. R. B. Freeman has been appointed Reader in Zoological Taxonomy.

During the summer vacation of 1948, Mr. Freeman conducted an ecology course which was held in the Bureau of Animal Population, University of Oxford.

Members of the department are actively engaged on researches covering a wide field of zoology; work is going on in comparative physiology, embryology, entomology and insect behaviour, nutrition, the statistical treatment of taxonomic and evolutionary problems, morphology, and in vertebrate palaeontology.

FACULTY OF ENGINEERING

Professor H. J. Collins and Mr. H. Marriott continued to hold office as Dean, and Sub-Dean and Tutor to Engineering Students respectively throughout the sessions 1947–48 and 1948–49. Professor H. E. M. Barlow succeeded Professor H. E. Watson as Vice-Dean at the beginning of last session.

Mr. C. A. Biddle, Mr. H. R. Oakley, Mr. J. G. Ross and Mr. L. A. Wigglesworth were appointed members of the Faculty.

Several changes have recently been made in awards granted by the Faculty of Engineering. The award of diplomas in Civil and Municipal, Mechanical and Electrical Engineering under the existing regulations will be discontinued when the Part II Examination for the degree of B.Sc.(Eng.) is last held under the old regulations for students of University College. Revised diplomas were instituted in the session 1948–49 to be awarded by the College on the recommendation of the Faculty of Engineering to students who have pursued, for at least one year, a full-time course of specialised studies, including work of a postgraduate character. Admission to such a diploma course is limited to graduates of approved universities in specialised subjects and to students with such other qualifications as the Faculty considers sufficient. The issue of the old General Certificate and Postgraduate Certificate in Engineering has been discontinued, and the needs of students taking special undergraduate or advanced courses or refresher courses will be met in future by a new certificate in Engineering, to be granted on application to a student who does not receive a degree or a diploma, provided his conduct and progress are considered by the Faculty to be satisfactory.

Much benefit has been derived from the newly organised and re-equipped Faculty workshop and the additional facilities provided by it are being realised in new equipment and research work.

CIVIL AND MUNICIPAL ENGINEERING

During the past session the department has welcomed new members of the staff in the persons of: Mr. C. A. Biddle and Mr. H. R. Oakley as Lecturers, Mr. T. Brian Smith as Special Lecturer in Optical Engineering, Mr. C. Snell as Research Assistant, Mr. G. Laws as Honorary Research Associate and Mr. C. Dudarewicz as Honorary Research Assistant.

Amongst the many researches in progress, advances have been made in the following: altimetry, and the use of photogrammetry; structural models; penetration vibration tests of soils, and the design of embankments; exploration of three-dimensional stresses; sedimentation of flocculent materials; transport problems in central London; and vibration and hydration of concretes.

All seven research groups have maintained close contact with Government Research Departments and Industry.

The Photogrammetry group is working in collaboration with the medical profession, and two intercollegiate courses have been held for cartographers and geographers, and archaeologists.

A special one-year Surveying Certificate course has been instituted for Land Surveyors in association with the Royal Institute of Chartered Surveyors, which is being attended by Colonial Survey probationers. Arrangements have been made for the commencement of a postgraduate Diploma in Surveying and Photogrammetry. It is anticipated that there will be opportunities for Civil Engineering graduates under the new four-year scheme to qualify as Land Surveyors.

Summer Schools have taken place in Air Survey (in conjunction with the Town Planning Department and Ministry of Town and Country Planning) for Regional Planning Officers, and in Photoelasticity, in conjunction with the Stress Analysis Group of the Institute of Physics.

A number of Plotting Instruments, two Strain Gauge Recorders and an Ultrasonic Oscillator have been added to the equipment of the laboratories of Photogrammetry, Structures and Public Health Engineering, respectively.

MECHANICAL ENGINEERING

At the end of the session 1947–48 Professor G. T. R. Hill resigned from the Kennedy Chair to which he had been appointed in 1934. Professor B. J. Lloyd-Evans, who has been a member of the department since 1920, was appointed his successor. During the past session two other staff appointments have been made: Mr. J. G. Ross, late of the Royal Aircraft Establishment, Farnborough, as Lecturer in Mechanical Engineering and Mr. P. M. Jones, late of Shorts Aeroplane Company, as Departmental Assistant (Draughtsman) in connection with the workshop.

The session 1948–49 was the first in which a full course has been provided under the new four-year plan for undergraduates. This additional fourth-year course included: the theory of gas turbines; fluid mechanics, especially that relating to the flow in axial-flow machinery; further study of vibrations; lectures on Engineering production and the theory of plasticity. The fourth-year students were given "Special Tasks" and amongst these the most notable is the design and development of an electric tank for the plotting of streamlines. The activities of the suspense-year students provided a pattern on which is being moulded the final shape of the Part III course. Experience with this final year indicates that excellent results are being obtained by the great broadening of outlook which becomes possible through the additional time available.

ELECTRICAL ENGINEERING

There have been no material changes in the undergraduate teaching, though there have been some alterations to suspense-year courses. During the session 1947–48 the course on Oral Presentation of Technical Information was discontinued and the general course on Presentation of Technical Information was extended. Owing to the absence through illness of Mr. A. B. Blake, the course on Industrial Administration was taken over during the session 1948–49 by the Department of Political Economy. The name of the course was changed to Applied Economics and the content changed in such a way as to make it more fundamental. Both this course and that given by Professor G. W. Keeton and his staff entitled *Law in Engineering* have been greatly appreciated by the students of the department.

A discussion group has met at intervals in the department for the purpose of discussing aspects of the Presentation of Technical Information. The attendance has consisted, amongst others, of Heads of various research establishments, senior Civil Servants, Editors of Technical Journals, Publicity Managers, Officers responsible for the training of instructors in the Army, teachers and other interested persons.

There has been much useful activity in the Engineering workshops. Nearly all the repair work of the department has been done by the workshops; the special apparatus needed for research purposes has been entirely manufactured there and sundry valuable pieces of apparatus used for lecture purposes and undergraduate teaching in general. This apparatus includes a 10,000 volt impulse generator and a model waveguide, so designed that its dimensions are adjustable and that its performance can be clearly demonstrated to students.

Among the more important new acquisitions to the laboratories are an electro-plating plant, a sound projector, a pulse transmitter for 3,000 megacycles with a peak output of 200 kw., a metadyne, an oscilloscope with 15 in. tube, which is especially useful for lecturing to large audiences, two vacuum pumps, a variety of new measuring instruments, two Selsyn Motors from the B.T.H. Co., a very useful Oscillator with a frequency range of 1–100 k-cycles, a Q-Meter and various items of equipment for the departmental workshop. For purposes of electrical measurement the laboratories have now a first-class equipment.

A beginning has been made with the acquisition of apparatus needed for the Electronic workshop and the plans have been completed for the building alterations required.

Research has been conducted on the electrical breakdown of air at high frequencies covering a range of wave-lengths down to seven centimetres. Further research has been undertaken on the design and performance of magnetic amplifiers and has resulted in several important improvements to this device. A research has also been

initiated on the measurement of micro-wave power by a type of instrument that absorbs a negligible amount of power from the system.

CHEMICAL ENGINEERING

During the period under review the whole of the Ramsay Laboratory and No. 19 Gordon Street have become available for Chemical Engineering, with the exception of some space in the latter building which has been lent to the Student Health Association. No. 19 Gordon Street is now used for small-scale research work and for metallography. The larger scale equipment in the Ramsay Laboratory is being very gradually assembled but replacements are by no means complete.

Both graduate and undergraduate students have increased in number during the past session. All fourth-year students spent the Easter vacation of 1948 and 1949 in chemical factories making measurements on actual plant. The thanks of the department are due to Messrs. Thomas Hedley and Co. Ltd., Messrs. Tate and Lyle Ltd., the South Metropolitan Gas Co., the Gas Light and Coke Co., and British Industrial Solvents Ltd., for affording facilities for this work.

Research has been undertaken on: drying by high-frequency heating; the fluidisation of solid powders; the flow of solid materials through orifices; the catalytic oxidation of hydrocarbons; the distillation of mixtures containing two partly miscible components; the use of packed columns for distillation. The large column erected before the war for the distillation of H_2O^{18} has been repaired and is now running continuously. The department is greatly indebted to the Anglo-Iranian Oil Co. Ltd., the Anglo-Saxon Petroleum Co. Ltd., and British Celanese Ltd., for valuable contributions towards these research undertakings, also to Imperial Chemical Industries Ltd. for gifts of chemicals.

The facilities offered by the following companies for works' visits have also been greatly appreciated :—Messrs. G. A. Harvey and Co. Ltd., the Lafarge Aluminous Cement Co., the Building Research Station, Watford, the Mond Nickel Co., Messrs. Tate and Lyle Ltd., Messrs. Fescol Ltd., Messrs. Thomas Hedley and Co. Ltd., Messrs. Hoover Ltd., Messrs. Goodlass Wall and Lead Industries Ltd., and Messrs. Arthur Guinness, Son and Co. Ltd.

Saturday morning lectures, which were a special feature of the course before the war, were resumed in the session 1947–48 and given last year as follows :—*The Separation of Salts in Solution* (two) by Dr. F. A. Freeth, Honorary Lecturer; *Chemical Combinations induced Electrically* (two) by Dr. R. W. Lunt, Honorary Lecturer; *Selling and Sales Organisation* by Mr. A. E. Mitchell, Regional Manager, Scotland and Northern Ireland Region, I.C.I. Ltd. ; *The Place of the Chemist in Gas Engineering* by Mr. J. T. Haynes, Bournemouth Gas Co.; *The*

Manufacture of Fluorine by Dr. D. Alexander, General Chemicals Division, I.C.I. Ltd.; *Some Unit Operations in Liquid-Solid Systems* by Mr. A. I. Coleman, Dorr-Oliver Co.; *Automatic Control* by Mr. B. W. Balls, Foxboro-Yoxall Ltd.

FACULTY OF MEDICAL SCIENCES

Professor C. A. Lovatt Evans completed his period of office as Dean of the Faculty at the end of the session 1947–48 and was succeeded by Professor J. Z. Young. Professor F. R. Winton has continued as Vice-Dean, Dr. J. T. Aitken as Sub-Dean and Tutor to Medical Students.

Dr. Aitken was granted Recognition as a Teacher of the University, Probationary Recognition being granted to Dr. R. D. Harkness and Dr. J. Joseph.

Dr. G. Causey, Dr. S. P. Datta and Dr. D. H. L. Evans were appointed as members of the Faculty. Professor H. P. Himsworth resigned from the Faculty on his appointment as Secretary of the Medical Research Council.

Dr. R. D. Harkness has been appointed Supervisor of Dental Students.

Two prizes have been instituted, to be awarded each session to the Dental students obtaining the highest marks in the sessional examinations in Anatomy and Physiology respectively.

The Faculty has given much thought to the problem of choosing students from the large number of applicants. The entrance examination used in recent years has not proved a good means of selection and has been discontinued. Candidates are now required to send in a written essay, and information about them from their schools is asked for in a standard form.

In order to introduce new students to the work of the Faculty, two days at the beginning of the session will be occupied by special addresses, visits to the Medical School, demonstrations of research work, and various tests and discussions designed to give an orientation for future work.

The Faculty has held two "Open Days", at each of which about 200 schoolboys and girls and their teachers have been shown demonstrations of research work and entertained to tea by the Provost.

ANATOMY AND EMBRYOLOGY

Dr. W. A. Fell left the department in October 1948 to take up work as a specialist in physiotherapy. The department of Embryology lost Dr. P. Ford on his appointment as Assistant Professor of Zoology at the University of Vancouver, B.C., in October 1949. Other resignations during the period under review include those of four

Assistant Lecturers, Dr. P. A. Ring, Dr. Valerie Scotland, Dr. R. G. Thomas and Dr. C. H. A. Wedeles; also the following Honorary Research Assistants: Miss June Marchant, Dr. J. M. Sosa, Mr. N. G. Stephenson, Mr. G. A. Thomas and Mr. O. L. Wade. New appointments have been made as follows: Dr. A. R. C. Butson, Dr. D. W. James, Dr. T. A. Quilliam and Dr. G. D. H. Shawe as Assistant Lecturers; Mr. B. Boycott and Dr. R. H. Hardy as Honorary Research Assistants, and Mr. D. A. Sholl, who was appointed as temporary Research Assistant to give advice on statistical methods.

A grant has been given by the Rockefeller Foundation for the investigation of methods of selection of Medical students and their preclinical training. Dr. Minnie L. Johnson was appointed as an Honorary Research Associate to supervise this work.

The staff has continued to discuss methods of anatomical teaching, trying to discover which details are essential for vocational purposes and which parts of the teaching of anatomy can be used as a means of training in observation and powers of reasoning. A manual for study of all parts of the body has been drawn up with great labour by the teaching and secretarial staff, providing each student with a set of instructions that incorporate their ideas of what he should do. This, together with suitable exercises, should make the basis for the use of anatomy as a satisfactory part of preclinical training.

Members of the staff, independent investigators and students working for higher degrees have been pursuing many different lines of research in both Anatomy and Embryology.

The Anatomy department has acquired a Geiger counter equipment with the help of a grant from the Royal Society, and research on the distribution of phosphorus in peripheral nerves is being undertaken by Dr. Causey with the assistance of Mrs. L. Palmer and Dr. Werner. The D.C. oscillograph designed and built by Dr. P. Bishop with the assistance of a grant from the Royal Society is now in operation, and is providing interesting results in the hands of Dr. Bishop himself, Mr. Sholl and Mr. A. D. Vizoso. The Radiography Department has been provided with new and improved equipment.

Members of the staff and research students in the department of Embryology are pursuing research in the following subjects: studies in the structure of the egg-tooth and the caruncle in amphibians, reptiles and birds; studies on the derivatives of the neural crest with special reference to dermal bone; the egg-tooth and caruncle of the Monotremes; development of the urino-genital canals in domestic mammals; the structure of the placenta of Anomalurus; some aspects of the problems of homology (with special reference to the bicentenary of the birth of Goethe); regional organisation in the chick blastoderm; the relation of mitosis and migration in proliferated tissues; an investigation of the polarity of the otic vesicle in relation to the neural crest in the Axolotl; a morphological and experimental study of the

ductus endolymphaticus and the glands of Swammerdam in the green frog; studies on the function of the primitive node in chick development; investigation of the organising action of the oral region in the regeneration of the hydroid Cordylophora lacustris; studies on the development of Leiopelma, with special reference to the chondrocranium.

BIOCHEMISTRY

Dr. Leslie Young left the department in March 1948 on his appointment to the Chair of Biochemistry at St. Thomas's Hospital Medical School. Dr. G. A. Maw, who was on leave of absence with a Commonwealth Fund Travelling Fellowship to Cornell Medical Centre, New York, during the session 1947–48, resigned his lectureship at the end of the session on appointment to a post in the Department of Biochemistry at St. Thomas's Hospital Medical School. Dr. F. L. Warren, coming to the College from St. Mary's Hospital Medical School, took up his duties as Reader in the department at the beginning of the session 1948–49. Dr. A. L. Greenbaum, from the National Institute for Research in Dairying, was appointed as Lecturer in place of Dr. G. A. Maw. Dr. C. E. Dent, of the Medical Unit, University College Hospital Medical School, was appointed as a Special Lecturer. Mr. P. N. Campbell resigned his Assistant Lectureship in February 1949 to take a post under the Medical Research Council at the National Institute for Medical Research. At the end of last session the department suffered a heavy loss by the resignation of Professor F. G. Young from the Chair of Biochemistry on his appointment to the Sir William Dunn Professorship of Biochemistry in the University of Cambridge.

New courses, both theoretical and practical, for dental students and for those reading for a Special degree in Physiology, have been developed, and the expansion in the numbers of medical students has now necessitated the duplication of practical classes. The M.Sc. course in Biochemistry, initiated during the session 1948–49, has developed very satisfactorily.

A number of postgraduate workers, including several from overseas' Universities, have been active in the department, and research has continued to flourish along various lines. Under Dr. Leslie Young and Dr. J. C. Laidlaw the use of isotopes in biochemical investigations has been developed, and close co-operation with the Biophysics Research Unit under Professor A. V. Hill has been maintained in this connection.

PHARMACOLOGY

Mr. J. L. Mongar joined the staff as Assistant Lecturer in Pharmacological Chemistry in October 1948. The title of Reader in Applied Pharmacology was conferred by the University on Dr. Andrew Wilson in December 1948.

As regards undergraduate teaching in the department, a second unit

for teaching the Pharmacological third of the B.Sc. (Special) course in Physiology was started last session.

The various research activities in the department mentioned in the last Report have been continued, particularly the study of the mechanism of the release of histamine and its diffusion through tissue and the study of the cholinesterase enzyme system. New investigations involving introduction of coloured groups into large carbohydrate molecules, with a view to studying the relation between the size and nature of molecules and their excretion in the mammalian kidney, have opened up in the Pharmalogical Chemistry laboratory. The relation between the state of hydration and the action of the melanophore hormone in frogs, and other physico-chemical influences on melanophores, are under investigation. A large team of experimental animals is being subjected to the investigation to the extent to which conditioned reflexes can be used to standardise pharmacological responses, and the mechanisms in the receptors for adrenaline and nor-adrenaline concerned in the circulatory responses are also being studied in these animals. An investigation on the borderline between Pharmacology and Psychology has again been started, and the effects of nitrous oxide on quantitatively measurable mental tests in man are under investigation.

The Pharmacological Chemistry laboratory, in abeyance since 1938, and largely war damaged, has been reconstituted and equipped.

PHYSIOLOGY

At the end of the session 1948–49 Professor C. A. Lovatt Evans retired from the Jodrell Chair of Physiology to which he was appointed in January 1926. His successor is Professor G. L. Brown, formerly a member of the staff of the National Institute of Medical Research. Other staff changes during the period under review have been as follows: at the end of the session 1947–48 Dr. N. Ambache resigned his Lectureship to work for the Medical Research Council Ophthalmic Unit. During the session 1948–49 Dr. D. R. Wilkie was serving with the Royal Air Force at the Institute of Aviation Medicine. He was temporarily replaced by Dr. H. E. Lewis, a research worker in the department who had come to the College from Cape Town. Dr. M. de Burgh Daly was appointed as an Assistant Lecturer in April 1948. Dr. A. Zupancic came from Yugoslavia with a Rockefeller Travelling Fellowship and was working as an Honorary Research Associate in the department last session. Dr. Sheila M. Howarth from the Postgraduate Medical School, Hammersmith, was appointed as an Honorary Research Assistant in October 1948. Dr. L. E. Mount, who formerly held a Sharpey Scholarship and was appointed to a Lectureship in October 1948, resigned his appointment at the end of last session in order to proceed to a Lectureship at the University of Edinburgh. Dr. M. H. L. Pirenne of Liège also relinquished his appointment as an

Honorary Research Associate after working in the department for two years under an I.C.I. Fellowship.

There has been very little change in the general structure of medical undergraduate teaching, except for some co-ordinated courses held jointly with the departments of Biochemistry and Anatomy. The B.Sc. (Special) course in Physiology is at present in a state of flux and considerable alterations in the teaching arrangements have been introduced. Dental students have now been placed under the special direction of Dr. R. D. Harkness, who runs a course specially designed for them, which is a definite improvement in the dental curriculum. An intercollegiate course on electro-physiology has been held under the joint auspices of Dr. Bernhard Katz of the Biophysics Research Unit and Dr. L. E. Bayliss.

Various members of the staff are engaged in projects of research. In general, the topics involve the heart and circulation, respiratory physiology, urinary secretion, physiological hypertrophy of muscle and the regeneration of the liver after removal of portions of it.

The department may now be said to have been restored to its pre-war high standard of equipment, since much equipment that was lost or damaged or became obsolete during the war has been replaced.

Biophysics Research Unit

At the end of the session 1947–48, two Honorary Research Associates, Professor Lou Cherng How and Dr. A. Wassermann, left the Research Unit, the former returning to China and the latter to the Chemistry department. Mr. J. L. Mongar also resigned his appointment as an Honorary Research Assistant on his appointment as a member of the staff of the Pharmacology department of the College. Mr. V. H. Attree left the Unit at the end of last session.

There is no undergraduate teaching in the department, but Professor A. V. Hill gave a course of advanced lectures on "Muscular Contraction" last session.

Research has been continuing on the following lines: the mechanics and energy exchanges of muscle; the physical properties of excitable surfaces; the properties of sensory end organs; the penetration of muscular tissue by ions. A mass spectrograph for the use of stable isotopes in biochemical investigation has been completed. Radio-isotopes have been used for studying the interchanges of sodium and potassium ions between the inside and the outside of muscle cells. The development of galvanometers, with methods of amplification and display, has been a research project supported by a grant from the R. W. Paul Fund.

The beautiful micro-manipulator and forge of Ch. Beaudouin of Paris has been purchased. The acquisition and disposal of surplus Government equipment for the Biophysics Laboratory and for the College and University have occupied much of the time of Mr. J. L. Parkinson and his assistants.

UNIVERSITY HONOURS

(1st January 1948 to 30th September 1949)

(i) *Higher Degrees*

Degree.	Subject.	Name of Successful Candidate from University College.
Faculty of Arts		
Ph.D.	English	Haddakin, Lilian F.
		Roberts, W. F. J.
		Rooke, Barbara E.
		Todd, F. M.
	French	Broome, J. H.
		Grünwald, Eva
		Mayer, C. A.
		Thomas, Sibyl G.
		Thorpe, L. G. M.
	German	Eichner, H.
		Schwarz, W.
		Stopp, F. J.
	History	Elton, G. R.
	Italian	Reynolds, Eva M. B.
	Psychology	Akil, F. H.
		Anstey, E.
		Denton, Eva R.
		Ghosh, Suhasi
		Ramzy, I.
		Ratha, R.
		Saleh, A. Z.
		Sanai, M.
		Sen, Amya
		Wheeler, D. K.
M.A.	Architecture	Gorski, T. A.
	English	Brewer, J. R.
		Brown, A. (Mark of Distinction)
		Greene, D. J.
		Hardy, Barbara G.
		Orna, Norah E.
		Quirk, C. R. (Mark of Distinction)
		Salmon, Vivian G.
	French	Champion, S. A.
	Geography	Olsen, Constance P. M.
		Patel, A. M.
		Sparks, B. W. (Mark of Distinction)
		Wilson, R. K.
	German	Benn, M. B.
		Zernik, Ruth H.
	Hebrew	Miller, A. W.

Degree.	Subject.	Name of Successful Candidate from University College.
M.A. (*cont.*)	History	Conway, A. A.
		Matthews, Hazel
		Mullins, E. L. C. (Mark of Distinction)
		Trafford, Evelyn E.
		Walker, Betty
	Mathematics.....	Robinson, L. R. B. (Mark of Distinction)
	Philosophy	Sarathchandra, E. R.
	Psychology	Cole, Raymonde
		Cunningham, M. A.
Faculty of Laws		
Ph.D.	.....	Marshall, O. R.
LL.M.	.....	Casper, E. R.
		Coker, G. B. A.
		Elias, T. O.
		Grant, V. B.
		Jackson, J.
		Rao, K. K.
		Spence, D. B.
Faculty of Science		
D.Sc.	Animal Genetics	Grüneberg, H.
	Physics	Crawford, B. H.
	Physiology	Gregory, R. A.
Ph.D.	Anatomy	Marchant, June
		Thomas, G. A.
	Biochemistry	Campbell, P. N.
		Reid, E.
		Smith, R. H.
		Thorn, M. B.
		Williams-Ashman, H. G.
	Biological Statistics ...	McArthur, Norma R.
	Botany.....	Abraham, T. P.
		Archibald, Eily E. A.
		Philipose, M. T.
		Puri, G. S.
		Rao, C. B.
		Saxena, S. S.
	Chemistry	Ader, G.
		Ambrose, D.
		Bevan, C. W. L.
		Campbell, A. H.
		Craig, D. P.
		de la Mare, P. B. D.
		Evans, C. C.
		Everest, D. A.
		Fodden, L.
		Glazer, J.
		Jakobovits, J.
		James, A.
		Kohnstam, G.

Degree.	Subject.	Name of Successful Candidate from University College.
Ph.D. (*cont.*)	Chemistry (*cont.*)	Maccoll, A.
		Martin, R. J. L.
		Miller, J.
		Reporter, Rashida S.
		Rubin, W.
		Tailby, S. R.
		Usher, Dorothy M.
		Williams, G. H.
		Willis, J. B.
	Cytology	Fahmy, O. G.
	Embryology	Khan, M. O.
	Geology	Khan, M. F. H.
	History of Science ...	Neave, E. W. J.
	Mathematics.....	Capildeo, R.
		Chalk, J. H. H. (and Trinity College, Cambridge)
		Fundaminsky, A.
		Hu, T. M.
		Milford, S. N.
		Mohanty, R.
		Prasad, A. V.
		Rogers, C. A.
		Rothman, M.
		Varnavides, P. L.
		Yadav, H. N.
	Physics	Fox, J. W.
		Mishra, B.
		Owston, P. G.
	Physiology	Langham, M. E.
	Psychology	Wilkie, J. S.
	Statistics	Bateman, Gertrude I.
		Johnson, N. L.
		Patnaik, P. B.
		Seal, H. L.
	Zoology	Brink, A. S.
		Pirlot, P. L.
		Stephenson, Elsie M.
		Stephenson, N. G.
M.Sc.	Biochemistry	Ainsworth, Iris B.
		Hawkins, Joyce B.
		McLean, Patricia
		Parr, C. W.
		Pearcy, R.
	Chemical Engineering.	Hesling, S.
	Chemistry	Andrews, K. J. M.
		Kember, R. M. J.
	Geography	Bartholomew, K.
	History and Philosophy of Science.	Hollingworth, Kathleen M.
		King, H. C.
		Sinnatamby, V.
		Ulyatt, K. W.
		Withers, R. F. J.

Degree.	Subject.	Name of Successful Candidate from University College.
M.Sc. (*cont.*)	Mathematics.....	Barker, C. C. H. (Mark of Distinction)
		Gaydon, F. A. (Mark of Distinction)
		Halberstam, H. (Mark of Distinction)
		Power, E. A.
		Rosenbaum, L. B. (Mark of Distinction)
		Roth, K. F. (Mark of Distinction)
		Ryall, D. L. (Mark of Distinction)
		Shepperd, J. A. H. (Mark of Distinction)
		Snell, C.
		Talbot-Butt, Ruby J.
	Psychology	Reeve, E. G.
		Trouton, D. S.
	Statistics	Thomas, Marjorie
		Trivedi, Indira R.
		Westgarth, D. R.
	Zoology	Attfield, Muriel
Faculty of Engineering		
Ph.D.	.....	Boyd, R. L. F.
		Pim, J. A.
M.Sc.	.....	McEwen, E. G.
		Oakley, H. R.
		Price, A. H.
		Saad, S.
		Silva, H. B.
Faculty of Economics		
Ph.D.	.....	Larsen, H. W.
		Thomas, M. W.
M.Sc.	.....	Edwards, Frances C.
		El Naggar, S.E.

(ii) *University Scholarships, Studentships and Medals*

(*a*) 1948 *Awards*

Studentship under the French Exchange Scheme	Milford, S. N.
Imperial Chemical Industries Fellowship	Minkoff, G. J.
Institute of Historical Research Fellowship.....	Kerridge, E. J. W.
Arthur Jubber Studentship	Thomas, Marjorie
George Smith Studentship in English for Internal Students (and book prize).....	Palmer, K. J.

Award.	Name of Successful Candidate from University College.
University Studentships :	
Engineering	Bishop, R. E. D.
	Lorimer, G. V.
	Norris, R. J.
English	Greenslade, B. D.
Geography	Fullerton, B.
Germanic Languages	Whaley, J.
History	Goveia, Elsa V.
	Leslie, R. F.
Mathematics	Power, E. A.
Philosophy	Winch, R. F. M.
Psychology	Steinberg, Hannah R.
University Postgraduate Studentships :	
Chemistry	Davenport, D. A.
	Duncanson, L. A.
	Jones, M. H.
English	Hardy, Barbara G.
French	Broome, J. H.
	Mayer, C. A.
German	Wells, G. A.
History	Kerslake, J. F.
Laws	Elias, T. O.
Mathematics	Austin, M. C.
	Elton, L. R. B.
	Halberstam, H.
Physiology	Hutter, O. F.

(*b*) 1949 *Awards*

Sir William Dunn Scholarship	Edmonds, C. J.
Studentship in Fine Art	Curry, D. V.
Gerstenberg Studentship in Economics	Law, B. R.
Keddey Fletcher-Warr Studentship	Gorham, E.
Robert Priebsch Memorial Prize for Internal Students	Trim, J. L. M.
Sanderson-Wells Prize (Junior)	Hawkins, D. F.
University Studentships :	
Engineering	Scholes, J. A.
History	de Sainte Croix, G. E. M.
	Johnson, J. A.
Philosophy	Thomson, J. F.
Romance Languages (French)	Fynn, Sheila M.
Zoology	Fox, H.
University Postgraduate Studentships :	
Classics	Maher, A. G.
English	Greenslade, B. D.
Geography	Fullerton, B.
Philosophy	Winch, R. F. M.
Psychology	Beedell, C. J.
	Steinberg, Hannah R.
Statistics	Cook, Muriel

SUMMARY OF EXAMINATION RESULTS

1st January to 30th September 1948

I. Degree Examinations

	Inter. and 1st and 2nd Medical	Bachelor		Master	Ph.D.	Higher Doctorate	Faculty Total
		Pass	Hons.				
Arts	47	30*	179	12	6	—	274
,, (Architecture)	16	7	—	—	—	—	23
Laws	59	15	8	2	1	—	85
Science	82	32†	70‡	9	27	1	221
Economics	31	3	17	1	2	—	54
Engineering	6	11	20	3	1	—	41
Chemical Engineering	—	—	2	—	—	—	2
Medicine:							
Inter Sci.	11						11
1st Medical	1						1
2nd Medical	51						51
	304	98	296	27	37	1	764

* General Degree
† 18 Special; 14 General
‡ 59 Special; 11 General

II. Diploma and Certificate Examinations

	Diplomas		Certificates	
Arts	Anthropology	–	Architecture	40
	Archaeology	–	Decoration	9
	Architecture	28	Phonetics	59
	Fine Art	69	Town Planning	16
	Librarianship	11		
	Phonetics	–		
	Psychology	5		
	Town Planning	7		
Engineering		41		
Chemical Engineering		7		
		168		124

1st October 1948 *to* 30*th September* 1949

I. Degree Examinations

	Inter. and 1st and 2nd Medical	Bachelor		Master	Ph.D.	Higher Doctorate	Faculty Total
		Pass	Hons.				
Arts	20	22*	136	12	18	—	208
,, (Architecture)	24	14	—	1	—	—	39
Laws	69	17	36	5	—	—	127
Science	67	34†	96‡	21	37	2	257
Economics	24	12	34	1	—	—	71
Engineering	—	23	30	2	1	—	56
Chemical Engineering	—	2	6	—	—	—	8
Medicine :							
Inter Sci.	10						10
1st Medical	—						—
2nd Medical	53						53
	267	124	338	42	56	2	829

* General Degree
† 27 Special; 7 General
‡ 92 Special; 4 General

II. Diploma and Certificate Examinations

	Diplomas		Certificates	
Arts	Anthropology	–	Architecture	42
	Archaeology	–	Decoration	10
	Architecture	9	Phonetics	45
	Archive Administration	1	Town Planning	19
	Fine Art	56		
	Librarianship	24		
	Phonetics	–		
	Psychology	2		
	Town Planning	21		
Engineering		52		
Chemical Engineering		8		
		173		116

THE LIBRARY

The main concern of the Library Committee during the past eighteen months has been the planning of the College Library. Much thought has been devoted to the detailed planning and equipment of the old General Library and the central main building, both of which are now being restored, and preliminary orders for the furniture have been placed. Orders have also been placed for the bookcases and other furniture required for the temporary library which is to be established in the houses in Gordon Square allocated to the departments of History and Political Economy. In selecting the timber to be used for all this furniture the Library Committee is much indebted to Dr. F. W. Jane, of the department of Botany, for his very valuable advice and for the considerable trouble he took on its behalf. But, whilst these buildings, when ready, will provide welcome relief from the present congestion, it has become evident that the area occupied by the Library in the main buildings of the College before the war will not be adequate to provide all the accommodation recommended for Library purposes by the Faculties in view of the increased numbers of teaching staff and students at the present time. The Library Committee has therefore proposed the construction of an entirely new building, consisting of a central bookstack surrounded by reading rooms on four floors and with a capacity of 945,000 volumes and 654 readers.

The last of the evacuated material returned to College during the session 1948–49 when the manuscripts, early printed books and other rare items were brought back from the National Library of Wales and, so far as space allowed, were shelved in a new fire-proof strong room in the basement of the main building. The College has expressed its sense of indebtedness to the Trustees and to the Director of the National Library of Wales for their kindness in providing for the safe-keeping of this valuable material during and since the war.

As a result of the transfer of the study of Palestinian and Indian Law to the School of Oriental and African Studies certain sets of law reports and of periodicals have been transferred from the College Library to the School on permanent loan. For similar reasons certain periodicals concerned with non-classical archaeology have been transferred to the Institute of Archaeology.

Conditions in the book trade are steadily improving, though many important and urgently needed works are still unobtainable. In particular, German publications are difficult to procure and their price is often unreasonably high. During the summer of 1948 the import restrictions imposed by the Board of Trade were relaxed to such an extent that the College Library, in common with others, was able to satisfy most of its needs for foreign books and periodicals. At the end of session 1948–49, however, the licences to import American books and periodicals were withheld, and these new restrictions may well have

serious repercussions in a library which has a special responsibility for providing books on American and Latin American history.

The Library Committee has on two occasions during the past eighteen months been able to take advantage of the opportunity to purchase collections of books on very favourable terms. Some 1,500 works, largely concerned with the Italian poet Dante, which had been placed on deposit in the College Library in 1926, were bought on the death of their earlier owner, Mr. Huxley St. John Brooks. A further collection of some 250 volumes, also devoted to Italian studies, was obtained from the library of Professor G. I. Foligno of Oxford.

Gifts too numerous to list in full have been received, and acknowledged with gratitude, from a great variety of sources. Certain of the more important ones are listed at the end of this report. The Library Committee would, however, call special attention to two quite unusual gifts, both of which have come from the Rockefeller Foundation. The first of these was part of a very comprehensive scheme for helping universities in Great Britain to purchase books and periodicals abroad to support special programmes of teaching and research in the social sciences and humanities. The Library Committee submitted a memorandum urging the need to reconstitute that section of the College Library devoted to Scandinavian studies accompanied by a list of desiderata and has been happy to learn that a substantial gift of expensive books and periodicals may be expected in the near future. Later in the year the same generous Foundation gave to the College a sum of $4,000 for the purchase of books essential to the development of Latin-American studies. The fact that this gift was made in dollars has obviously particular advantages under present circumstances.

During the past two sessions 11,167 volumes and 8,515 pamphlets have been added, bringing the total book stock of the Library at the end of session 1948–49 up to 386,482 volumes and 164,299 pamphlets. Inter-library co-operation has been extended and in session 1948–49 832 volumes were lent by the College Library to other libraries, more than twice the total for the previous session. The number of books borrowed from other libraries was increased from 414 in session 1947–48 to 493 in session 1948–49.

Owing to the shortage of accommodation in College a large proportion of the book stock remains inaccessible to readers. Progress has, however, been made in sorting the vast quantity of books which is stored in the basement of the National Central Library, and the number available on demand increases steadily. No substantial alleviation of the position can be expected until the houses in Gordon Square are ready to receive the History and Economics Libraries.

Senior members of the Library staff have continued to take part in professional activites, the Librarian and Deputy Librarian both being honorary officers of the University and Research Section of the Library Association. The Library Committee has been happy to congratulate

Miss Joyce Pearson on her election as a Trustee of Dr. Williams's Library. A list of recent publications by members of the Library staff is given in Appendix VII.

GIFTS TO THE LIBRARY

The College Committee acknowledges with thanks the following gifts among others to the College Library :—

Bequeathed by the late Lady Isobel Browne :

541 botanical books and pamphlets.

Miss M. Eyre :

Thirty volumes.

Lady Fleming :

Collected scientific and allied papers of Sir Ambrose Fleming. 5 vols. and index.

The executors of Sir George Francis Hill, Fellow of the College, and of Mrs. Hill :

Forty-six volumes of Italian history and literature.

Professor Daniel Jones, University College :

A collection of 169 volumes and 212 pamphlets dealing with linguistics and phonetics.

The Librarian, The Royal Institution :

Sets of sixteen Japanese scientific periodicals.

Mrs. Sybil Paterson, through Dr. Ashworth Underwood, Wellcome Medical Museum :

Ninety-eight volumes and pamphlets in history and general literature.

Professor E. S. Pearson, University College :

Seventy-six volumes from the Library of the late Professor Karl Pearson.

Professor L. S. Penrose, University College :

Officium Beatae Mariae Virginis. (MS. on vellum) 1478.

Mrs. K. Schmitz :

115 scientific works.

Professor M. T. Smiley, formerly of University College :

Twenty-one volumes and pamphlets dealing with Greek literature.

The University Library, Uppsala :

Three sets of Swedish academic periodicals.

Wellcome Historical Research Museum :

Sets of four scientific and academic periodicals.

In addition, the College Committee is grateful for the valuable gifts made to the Library by individual members of the academic staff of the College and many other donors.

PUBLIC LECTURES

During the period under review, a large number of public lectures were given at the College. The aggregate attendance in the session 1948–49 amounted to over 15,000, and equalled the figure for the year covered by the last report before the war.

Lunch-hour Lectures have been held during the Autumn and Spring Terms, and have again been given exclusively by members of the College staff. Professor Keeton has resigned from the chairmanship of the Committee of the Professorial Board responsible for arranging the programme of these lectures, and has been succeeded by Professor Ayer.

As part of the Bicentenary Celebrations of the Birth of Jeremy Bentham, Professor C. W. Everett, of Columbia University, New York, gave a lecture on " The Constitutional Code of Jeremy Bentham " on the 8th June 1948. (See also pages 93 and 132.)

The College co-operated in the arrangement of a series of lectures organised by the British Goethe Festival Society to celebrate the Bicentenary of the Birth of Goethe, held in the Spring and Summer Terms of 1949. (See also pages 44 and 150.)

Since the issue of the last report, the Seton Memorial Lecture and the Rickman Godlee Lecture have been revived after a lapse of eleven years, and the Newmarch Lectures after a lapse of seventeen years.

A list of the lectures held since the last report is given below :—

Special Lectures

Barlow Lectures on Dante

Professor E. R. Vincent of the University of Cambridge	" Dante's Diction " (Three lectures)

Bentham Bicentenary Lecture

Professor C. W. Everett of Columbia University	" The Constitutional Code of Jeremy Bentham "

Hobhouse Lecture

Professor G. C. Field of the University of Bristol	" Principles and Ideals in Politics "

Newmarch Lectures

Mr. J. R. N. Stone of the University of Cambridge	" The Rôle of Measurement in Economics " (Four lectures)

Rickman Godlee Lecture

Sir Ronald Storrs	" The Four Greatest Books—The Bible, Homer, Dante, Shakespeare "

Seton Memorial Lecture

Rev. J. R. H. Moorman, Principal of the Theological College, Chichester	" The Franciscans and the Universities "

Shearman Lectures

Dr. E. Schrödinger of the Dublin Institute for Advanced Studies	" The Origin and Nature of Scientific Thought " (Four lectures)

Goethe Bicentenary Lectures

Professor F. Blume of the University of Kiel	" Goethe and Music "
Dr. G. P. Gooch	" Goethe, the Liberal-Conservative "
Professor H. Friedmann	" Goethe's Morphology "
Mr. L. L. Whyte	" Goethe's Single View of Nature and Man "
Professor L. A. Willoughby	" The Living Goethe "
Dr. Karl Wollf	" Goethe's Religion "

Inaugural Lectures given by newly appointed Professors

Professor G. C. Allen, Professor of Political Economy	" Economic Thought and Industrial Policy "
Professor W. G. Holford, Professor of Town Planning	" Civic Design : An Inquiry into the Scope and Nature of Town Planning "
Professor E. D. Hughes, Professor of Chemistry	" The Kinetics and Mechanism of Reactions "
Professor R. A. Humphreys, Professor of Latin American History	" The Study of Latin American History "

Professor C. M. Robertson, Yates Professor of Classical Art and Archaeology	" Why Study Greek Art ? "
Professor T. B. L. Webster, Professor of Greek	" The Interplay of Greek Art and Literature "

Lunch-Hour Lectures

Dr. J. T. Aitken	" Posture "
Professor B. Ashmole	" Some Greek Antiquities now exhibited in the British Museum "
Professor H. E. M. Barlow	" Applications of Micro-Waves "
	" Modern Electric Lighting Technique " (Two lectures)
Mr. N. A. Barnicot	" Physical Anthropology "
Professor H. Hale Bellot	" The History of University College London "
Mr. S. T. Bindoff	" The Silver Lining : English Currency Past and Present " (Two lectures)
Dr. Marian E. A. Bowley	" Houses or Dollars "
Dr. G. B. Brown	" The New Philosophy of Science "
Dr. R. Ogilvie Buchanan	" Some Geographical Aspects of the Economic Development of New Zealand " (Two lectures)
Professor J. Černý	" The Character of the Ancient Egyptians "
Mr. S. B. Chandler	" The Poetry of Lorenzo the Magnificent "
Dr. A. B. C. Cobban	" The Bases of French Politics "
Professor H. O. Corfiato	" Some Factors in Architecture "
	" The Trend of Modern Architecture "
Professor H. Dingle	" What is Science ? "
Professor C. B. Fawcett	" Geography and Planning "
Professor Daryll Forde	" The Human Factor behind Food from Africa "
Mr. R. B. Freeman	" The Life of Fleas "
Dr. D. B. Fry	" Visible Speech "
Professor J. B. S. Haldane	" Some Modern Views on Evolution "
Professor S. E. Hollingworth	" Geology—A Preliminary to Planning "
Mr. S. Hyde	" The Georgian House "
Mr. Raymond Irwin	" Freedom and Librarianship "
Dr. F. W. Jane	" Some Problems in being a Tree "
Professor A. H. M. Jones	" The Decay of the Ancient World "
Professor Daniel Jones	" Significance of Phonetics "
Dr. Kathleen Lonsdale	" The Structure of Solids "
	" Art and Architecture in Science "
Dr. K. W. Maurer	" Arthur Schnitzler—A Revaluation "
Professor W. H. Pearsall	" Modern Botany " (Two lectures)
Professor L. S. Penrose	" Human Genetics "

Dr. S. J. F. Philpott	"Psychology as a Science" (Two lectures)
Professor G. J. Renier	"Problems of History" (Two lectures)
Mr. T. J. B. Spencer	"Revivals of Restoration Comedy"
Dr. S. Stein	"The Life and Works of Maimonides"
Dr. L. W. Tancock	"French Literary Criticism in the Nineteenth Century" (Two lectures)
Mr. E. G. Turner	"The Excitements and Uses of Papyrology"
Professor R. Weiss	"Humanism in Italy during the Second Half of the Fourteenth Century"
Mr. R. C. White-Cooper	"Italian Renaissance Architecture"
Mr. John Wilks	"The College Library in the National Library System"
Professor B. Woledge	"Recent Work in French Linguistics"
Professor J. Z. Young	"The Brain and its Functions"
	"Process of Learning in Octopus"

Special University Lectures

Professor G. Billanovich of the Instituto Universitario Orientale, Naples	"Nella biblioteca del Petrarca", "Nuovi aspetti dell'educazione retorica e culturale del Boccaccio" and "Caratteri fondamentali della letteratura italiana del Trecento"
Professor G. A. Boutry of the Laboratoire d'Essais Conservatoire National des Arts et Métiers, Paris	"Physical Measurements and Fundamental Concepts of Physical Theory", "High Polymers as Optical Materials" and "Augustin Fresnel, his Time, Life and Work"
Professor Ir. J. J. Broeze of the University of Delft	"Theory of Combustion", "Combustion in the Spark-Ignition Engine", "Combustion in the Compression-Ignition Engine" and "Chemical Effects in I.C. Engines"
Professor F. J. Cole, Emeritus Professor in the University of Reading	"Aspects of Biological Discovery" (Three lectures)
Professor G. G. Delépine of the Université de Lille	"Comparative Stratigraphy of the Carboniferous Marine formations in N.W. Europe and Mediterranean area" and "Movements of the late Paleozoic Seas—Devonian and Carboniferous—in W. Europe and N. Africa"
Mr. J. H. Forshaw of the Ministry of Health	"Housing and Town Development" (Two lectures)
Professor E. D. M. Fraenkel of the University of Oxford	"The Last Book of Horace's Odes" (Three lectures)
Mr. D. E. Gibson, Civic Architect and Joint Planning Officer, City of Coventry	"Civic Architecture: A Review of Coventry from an Architect's point of view from 1938–1948" (Two lectures)
Professor Jacoba B. L. Hol of the University of Utrecht	"Terraces as Records of Landscape Evolution" (One lecture at University College, one at London School of Economics)
Professor David Katz of the University of Stockholm	"Gestalt and Mental Work" and "The 'Transmission' of Action Patterns"

Professor G. Levi of the Instituto di Anatomia Umana Normale, Turin	" Relations of interdependency between the various parts of the nervous system in the Embryo and in the Adult "
Dr. Tore Levring of the Botaniska Trädgård, Göteborg	" Submarine Daylight, Photosynthesis and Vertical Distribution of Marine Algae " (Two lectures)
Professor R. H. Lowie of the University of California	" European Culture Patterns " (Three lectures)
Professor A. J. McConnell of Trinity College, Dublin	" Function Space and Applied Mathematics " (Three lectures)
Professor Kemp Malone of Johns Hopkins University	" Chaucer's Pilgrims " (One lecture at University College, two at University of London)
Professor Linus Pauling of the California Institute of Technology	" The Nature of the Chemical Bond " (Three lectures)
Professor G. Polya of Stanford University	" The Variation of a Circle " (Two lectures)
Sir Granville Ram of the Office of the Parliamentary Counsel	" The Preparation of Parliamentary Bills "
Dr. George Sarton of Harvard University	" Science and Tradition " (Three lectures)
Dr. U. Zanotti-Bianco, Joint Director of the Excavations and of the Società Magna Grecia	" The Discoveries at the Heraion of Silaros in South Italy " (Two lectures)

Lectures arranged by College Departments

Department of Archaeology

Mr. Harold Mattingly, President of the Royal Numismatic Society	" The Origin and Early Development of Roman Coinage " (Four lectures)
Professor A. Rumpf of the University of Cologne	" Classical and Post-Classical Greek Painting "

Department of Architecture

Sir Cyril Fox	" Building Techniques and House-Plans in the 15th to 17th Centuries : A Monmouthshire Survey " (Two lectures)

Department of Biochemistry

Professor Adrien Albert	" The Physical and Chemical Basis of Selective Toxicity " (Eight lectures)
	" Selective Toxicity with Special Reference to Chemotherapy " (Eight lectures)
Dr. S. J. Bach of the University of Cambridge	" Developments in Research in Protein Metabolism " (Three lectures)
Dr. Ernest Baldwin of the University of Cambridge	" The Comparative Biochemistry of Respiration and Metabolism " (Six lectures)
Dr. E. M. Crook	" The Electron Microscope and its Biological Applications " (Four lectures)
Dr. C. de Duve of the Université de Louvain	" The Control of Carbohydrate Metabolism " (Three lectures)
Dr. C. E. Dent	" The Development and Applications of Paper Chromatography " (Two lectures)

Dr. Malcolm Dixon of the University of Cambridge	"Multi-Enzyme Systems" (Four lectures)
Dr. B. C. J. G. Knight of the Wellcome Physiological Research Laboratories	"Biosynthesis in Micro-organisms" (Three lectures)
Dr. P. Johnson	"The Ultracentrifuge and Electrophoresis Apparatus in Protein Research" (Five lectures)
Professor C. Rimington of University College Hospital Medical School	"Haem Pigments in Nature" (Two lectures)
Department of Geology	
Dr. Kaare Münster Strøm of the University of Oslo	"The Effects of Pleistocene Glaciation on the Relief of Norway"
Department of German	
Professor Emil Staiger of the University of Zürich	"Lessings 'Minna von Barnhelm'"
Professor Jost Trier of the University of Münster	"Rhythmus"
Department of History	
Professor H. Hale Bellot	"The Problems Resolved and Unresolved of the United States of 1890"
Dr. A. B. C. Cobban	"December 1848: The Triumph of Louis Napoleon"
Professor J. E. Neale	"The Elizabethan Political Scene"
Mr. T. F. Reddaway	"London in the Seventeenth Century"
	"London in the Nineteenth Century"
Professor G. J. Renier	"Urban Civilisation in Seventeenth-Century Holland"
Department of Italian	
Professor V. Branca of the University of Florence	"Tradizione medievale nel *Decameron*"
Department of Pharmacology	
Dr. F. Bergel	"Some Aspects of Pharmacological Chemistry" (One series of five lectures and one series of three lectures)
Dr. J. F. Danielli	"Pharmacology and Cell Physiology" (Six lectures)
Dr. J. W. Trevan	"Statistics from the Standpoint of a Pharmacologist" (Two lectures)
Department of Philosophy	
Professor K. Ajdukiewicz of Poznan University	"The Definition of Truth and the Problem of Idealism"
Professor B. L. Atreya of the University of Benares	"Some Principles of Hindu Philosophy"
Department of Phonetics	
Mr. David Abercrombie of the University of Edinburgh	"Speech and Society"
Department of Physiology	
Dr. L. E. Bayliss	"Some Aspects of General Physiology" (Four lectures)

Dr. M. Grace Eggleton	"Physiological Properties of Ethyl Alcohol" (Three lectures)
Dr. D. B. Fry	"Speech" (Three lectures)
Professor A. V. Hill	"Muscular Contraction" (Three lectures)
Dr. A. Schweitzer	"Reflexogenic Areas of the Vascular System" (Five lectures)
Dr. E. Ashworth Underwood	"The Heritage of Medicine" (Six lectures)
	"The Development of Modern Physiology, 1700–1900" (Four lectures)

Department of Scandinavian Studies

Professor Paul V. Rubow of the University of Copenhagen	"The Icelandic Sagas"

Lectures in Current Legal Problems arranged by the Faculty of Laws

Mr. J. L. J. Edwards	"*Mens Rea* and Bigamy"
Mr. R. C. FitzGerald	"The Twilight of Dominion Status?"
Mr. L. C. Green	"The 'Little' Assembly"
	"Membership of the United Nations"
Dr. H. G. Hanbury of the University of Oxford	"Industrial Relations in Crime and Tort"
Mr. E. R. H. Ivamy	"The Right of Public Meeting"
Professor H. F. Jolowicz	"Bentham and the Law (1748–1948)"
	"Some English Civilians"
Professor G. W. Keeton	"The Charity Muddle"
Professor H. Krawinkel of the University of Cologne	"Law in the British Zone of Germany"
Professor F. H. Lawson of the University of Oxford	"Private Law Aspects of Western Union"
Mr. D. Lloyd	"Ministers' Powers and the Courts"
	"Codifying English Law"
Dr. O. R. Marshall	"The Problem of Finding"
Mr. R. O'Sullivan	"The Making of Everyman and his Undoing"
	"The Philosophy of the Common Law"
The Rt. Hon. Lord Porter, Lord of Appeal in Ordinary	"English Procedure and Practice, more particularly in Criminal Matters"
Dr. G. Schwarzenberger	"The Three Types of Law"
Professor S. G. Vesey-FitzGerald	"Mixed Marriages"
	"The Reform of the Law of Murder"
Professor E. C. S. Wade of the University of Cambridge	"The Constitutional Aspect of the Public Corporation"
Dr. M. I. Zagday	"Modern Trends of Islamic Law in the Middle and Far East"

Other Lectures

Professor R. O. Kapp	"Mind, Life and Body" (Four lectures)

ADMINISTRATION

The retirement of Mr. H. Marklew in 1948 and of Miss L. Cooper in 1949 took from the Administrative staff two members with a record of many years' service in the College. Mr. Marklew had been Cashier since 1919 and was Chairman of the Administrative and Library Staffs

Association from 1946 to 1948. Miss Cooper had completed twenty-nine years' service, first in the office of the Secretary (then Dr. Walter Seton) and latterly in the Registrar's Department. Reference is made elsewhere to the retirement of Miss A. D. Parkinson whose work as secretary to the department of Phonetics for the past twenty-nine years has been a valuable contribution to College administration.

At the end of the session 1947–48, Mr. G. Clark resigned his post as Assistant Secretary in order to take up an appointment as Assistant Academic Registrar (Medical) and subsequently as Deputy Academic Registrar in the University of London. Mr. A. J. L. Cahill left the College for the Senate House at the same time to become Assistant to the Academic Registrar. The vacancies created by these resignations were filled by Miss W. Radley and Mr. L. J. Gue respectively. Mr. J. H. Nicholls succeeded Mr. Marklew as Cashier.

The resignation of Miss R. Noel Small from the office of Steward of the Refectory in 1948, and that of Miss Joan M. Wilson who succeeded her, in 1949, are recorded elsewhere. Miss Agnes A. Boddie and Miss Joyce A. Farrer have been appointed as Assistant Stewards.

New appointments to deal with the greatly increased work involved by new building projects included that of Mr. C. H. Cooke as Bursar in March 1948, Mr. R. E. Edwards as Buildings Surveyor in July 1949 and Mr. C. V. Seagrim as Superintendent of Works in September 1949. Mr. A. H. Taylor, Superintendent of Buildings, has been on sick leave since September 1948; Mr. A. W. Woolven acted for him as Superintendent of Buildings until August 1949 when he was appointed Maintenance Officer.

Three new standing committees have been set up; the Social Sciences Committee, the members of which were nominated by the Faculties, to co-ordinate proposals for the development of the work to be carried out in the field of Social Sciences; the College Publications Committee to advise the administrative staff on the form and particularly the typography of the College publications, and the Chambers Memorial Lectureship Committee to recommend lecturers for the series of Chambers Memorial Lectures to be held every three years.

STUDENT LIFE

In presenting a summary of the Union's activities over the past nineteen months the President emphasises that it is the story of a joint Union, that by now most of the students who remember the separate Men's and Women's Union Societies have left the College and that there is no indication that those remaining wish for any other than the present arrangements. Indeed, he considers that, having regard to the present inadequacy of accommodation, it would be difficult to conceive of separate premises for men and women. When, at the end of the session 1947–48, the Engineering Society claimed the return of

their lounge in the South Wing Basement, the Union was left with space in the basement lounge into which barely 150 students could gather regularly out of a potential of some 3,000. The two prefabricated huts in the Main Quadrangle have continued to be used extensively, one by the Table Tennis Club and Debating Society, the other for exhibitions, small society meetings and as a general rest room; but, owing possibly to the presence of the Union Offices, Society notice boards and the bar, communal interest has remained firmly centred in the basement lounge.

Notwithstanding the difficulties of accommodation the Union has continued to expand its activities and extend its influence. In April 1948, Mr. John Morris took over the Presidency from Mr. Eric Harbord, and a year later the office passed to Mr. Fred Gee. The total number of votes cast in the presidential elections indicate that only a quarter of the total membership of the Union is actively participating in Union affairs. This fact is almost certainly due to the lack of accommodation which denies the Union adequate space for creating a general gathering centre, and this must be a source of much anxiety in considering the important part which the Union is meant to play in University life.

At the beginning of 1948 an experiment was made to attract a large number of students together in the College for an evening. Societies were encouraged to hold meetings, a dance and cabaret was arranged, and the bar granted an extension. The success of this occasion led to the series of Union nights which have become a prominent feature in the social life of the Union.

On three occasions during the period the President called together representatives of departmental societies to discuss matters of common interest, and arising from these meetings plans were made for centralising coach-hire bookings through the Union Secretary and for improving arrangements in the sale and advertisement of second-hand books. Miss Margaret Richards, B.A., was engaged as Permanent Secretary to the Union in September 1948 and has proved an invaluable asset.

In order that members of the Union Executive should have opportunities of discussing matters of current interest with senior members of the administrative staff it was arranged last session that informal luncheons should take place once a month. Three of these meetings have now been held and the general feeling is that they have proved helpful and encouraging. In March 1949, when the University Inspectors visited the Faculties of Arts and Science, a deputation of students met the visitors and presented them with a summary of suggestions and criticisms relating to the departments under inspection.

General meetings have been held throughout the period to discuss such matters as handing back the lounge to the Engineering Society, objections to evening lectures, and the raising of the Union subscription. By the end of the 1947–48 session it had become clear that the Union could not continue with its rapidly expanding programme and meet

the rising costs without a substantial increase in the yearly income. It was therefore agreed to ask the College to increase the subscription (contained in the composition fee) from two guineas to three pounds, as from the session 1949–50.

The Union Council, composed of eleven officers of the Union, twenty-eight representative members elected from the Faculties, together with six ordinary members and eight Fresher members elected by the whole Union, has been in regular term-time session once every ten days with meetings lasting anything from one to four or five hours. Business has varied from the recognition of new Societies and the allocation of funds to the discussion of day-to-day problems and the organisation of coming events.

Delegates elected from this council have gone twice a term to the council table of the University of London Union, and on three week-ends a year to Council meetings of the National Union of Students, the last four of which have been held in Oxford, Manchester, Ormskirk and Exeter.

In February 1948 a Welfare Committee was set up by Council to give help and advice to students on questions relating to grants, housing, insurance and personal difficulty, and also to advise Council on problems affecting the student welfare generally. Mr. James Barnett became the first chairman and his place was taken in April 1949 by Miss Ann McLeod. Miss McLeod is thus one of three women students who in the 1949–50 session will take the chair at important Union committees. The Committee conducted a survey in September 1948 to ascertain how many students had obtained posts since going down that year and what type of work there was available. The results were passed to the College Tutors who encouraged a second survey being made in September 1949.

Another body concerned with a different aspect of welfare is the *Student Health Association*. With a student chairman (Mr. Eric Harbord, 1948 : Mr. Peter Broadhurst, 1949), it has a mixed committee of staff and students. (See also page 92.)

Students have also been active on the *Refectory Committee* which has faced a difficult period due to the closing of the Upper Refectory. *Entertainments Committee* is another body set up by Council to organise Foundation and Christmas Balls, weekly dances and dancing classes, occasional Saturday evening socials, and other social functions which occur from time to time. Under the chairmanship of Mr. Brian Tolmie 1948–49, and Miss Pat Chandler 1949–50, this committee has worked hard and enthusiastically. The Christmas dance, held again in the Seymour Hall, included a fancy-dress competition and was a great success.

'*Pi*', the Union newspaper, maintained a circulation of just over 1,000 and was published once a fortnight through the first two terms and about twice only in the third term. Under the editorship of Mr. Dennis Davie (1948–49) it was increased in size in January 1949,

and has remained a valuable link with a large number of students who do not participate in many of the other Union activities.

'*New Phineas*', the College magazine, was published three times but caters for a much smaller public. In January 1949, a working party from the department of Political Economy was set up to investigate the conditions of the magazine and took over the organisation of sales and publicity.

It is impossible within the limits of this report to do more than glimpse at some of the more prominent items in the very full programmes of the Associated Clubs and Societies. It should be remembered that there are now also forty-five clubs and societies affiliated to the Union although not financially sponsored by it.

The Central Athletics Board has been under the chairmanship of Mr. John Farrant (1948–49) and Mr. Alan Hayter (1949–50). Its constituent clubs decreased by two to twenty, but there has been an increase of one-third in the number of active participating members. The College playing-fields remain at Shenley, where, under the firm hand of Mr. Mott, the groundsman, new cricket and hockey pitches have been laid out and fifteen grass courts maintained in good condition for tennis. The inaccessibility of Shenley is a great drawback, both on account of the cost of the journey (£904 was spent in one year on the hire of coaches) and the fact that many students who would be glad of a brief game at short notice cannot afford the time to make the journey; also the highly desirable expectation of drawing spectators is entirely eliminated.

The Debating Society, under its Presidents Messrs. Winch, Wilkinson, Wood, Willcocks and Daltrop, has continued to function with vigour and interest. One of the most successful debates, other than those held in Foundation Week, was that at which Mr. Gillie Potter proposed that 'This House believes in Father Christmas'.

The *Music Society* (Presidents: R. Davidge 1948–49, B. Iliffe 1949–50), has offered live and recorded music to its members and friends with frequent concerts and recitals. Mr. Tony Addison became Musical Director and Resident Conductor of the College Choir and Orchestra in 1948 and an active Madrigal Group has been under the leadership of Mr. Lynn Jenkins. The Society has recently encouraged the formation of an Opera Group which hopes to produce a Gilbert and Sullivan opera in the near future.

Miss Sheila Trevan completed her year as President of the *Dramatic Society* in March 1948 when Mr. Fred Gee was awarded the title. Mr. Pat Cheeseman succeeded him in April 1949. Other than Foundation Plays, which are mentioned elsewhere in this Report, the Society has produced A. P. Herbert's "Two Gentlemen of Soho" (October 1948), J. B. Priestley's "Rose and Crown" (L.U.D.S. One Act Festival, November 1948) and "They Came to a City" (Budapest Festival 1949), "The Times" by Sir Arthur Pinero (Christmas 1948), "House of Bondage", "Sister Clare", "Brother Wolf", "Sister

Gold", "Gates of Death", "Brother Sun", and "Nunc Dimittis" from "The Little Plays of St. Francis" by Laurence Housman (January 1949), and two very successful open-air performances at the Assembly of Faculties: "The Marriage of Wit and Wisdom" (1948) and "The Braggard Captain" (1949). In addition, "Playshops" at which the skilled and novice are encouraged to use the stage before an audience of fellow members of the Society, continued to be a popular feature. In August 1949, a team of 12 students from this College went to the World Youth Festival at Budapest to present J. B. Priestley's play "They Came to a City", to give an exhibition of British Country Dancing, and a Puppet Show. The £400 needed to finance the expedition was raised in contributions from the University College London Union and other London Unions, from the participants themselves and from a College Fund. Other students from the College went to the Festival as onlookers at their own expense.

Although at present only affiliated to the Union, the *Film Society* has already proved itself to be of wide appeal and interest. Formed by a group of enthusiasts in May 1948, it has given frequent film shows including many classics of the screen, arranged talks by specialists and critics, and sent speakers to debates. A special production unit of the Society took a film of Foundation Games in 1949, and also some shots of a carnival organised in London by the International Student Service in March 1949, at which some departments of the College participated and Princess Elizabeth awarded prizes.

The President concludes his report by suggesting that the success in carrying out a programme, as vast as that to which brief reference has been made in his summary, may be due to the activity which goes on at the opening of the session when every society sets up a stall in Union premises to attract the interest and secure the support of Freshers; and, that the spirit of comradeship and co-operation, which goes into this display and is born out of the subsequent membership of all Societies, is a very vital accompaniment of University training.

THE REFECTORY

By March 1948 the Refectory was installed in three concrete huts in the South Quadrangle, and the Upper Refectory under the portico steps was used for morning coffees, tea parties and evening functions. Unfortunately the Upper Refectory had to be vacated in April 1949 owing to the requirements of rebuilding. Activities held there had to be transferred to much smaller accommodation in a hut on the old Fives Court site adjoining the Main Refectory, which had originally been constructed as a laundry. This is barely large enough for morning coffees, and evening functions and dances have to be held in the Main Refectory, necessitating a good deal of labour in clearing the room of furniture on each occasion. The congestion and inconvenience, however, will be comparatively short-lived, since the

architects have promised to return the Upper Refectory by the Summer Term 1950.

There have been several changes in the management of the Refectory during this period. Miss R. Noel Small resigned the post of Steward in June 1948 on her appointment as Bursar at Girton College, Cambridge, and in her place Miss Joan M. Wilson was promoted from the post of Assistant Steward. Miss Wilson intimated at the time of her appointment that she would not be able to continue as Steward after midsummer 1949, and it became necessary to consider the question of refectory management when she left. After much discussion it was decided to appoint a well-known catering firm, Messrs. John Gardner Ltd., on a managerial contract system, to supervise the Refectory and its catering. Messrs. Gardner's took over the management at the beginning of August 1949, retaining all the existing staff and appointing a manager in place of Miss Wilson who resigned her post of Steward in July.

THE OLD STUDENTS' ASSOCIATION

A full programme of social functions and other activities has been successfully maintained, and in particular the informal dinners and meetings have been most popular. The Association is greatly indebted to the following guest speakers at these informal meetings:—Professor G. J. Renier, Mrs. M. Stocks, Professor J. Z. Young, Dr. B. Ifor Evans, Dr. B. H. Knight and Mrs. Cora Gordon.

The Annual Dinner for the session 1947–48 was held in the Refectory on 10th March 1948, the principal guests being Dr. Margaret Murray, Professor Norman Baynes and Mr. John Summerson. It was decided to combine the Annual Dinner and Annual Dance into one function in the session 1948–49, and a most enjoyable Dinner-Dance took place in the Refectory on 24th March 1949.

At the end of each session, the Annual Cricket and Tennis Matches against the College were held, and in the Cricket match on 18th June 1949, a member of the Old Students' Association XI, Dr. L. C. Bateman 1933–38, had the honour of scoring the first century on the new Shenley ground. Summer outings to Chessington Zoo and Hampton Court respectively were arranged.

At the Annual General Meeting on 7th July 1948 approval was given to a recommendation of the Council, that " as from 31st July 1949, the subscription rates be raised to 3*s*. 6*d*. Annual, two guineas Life ". The Annual General Meeting for the session 1948–49 was held on 6th July 1949.

The large number of corrections and additions to the Handbook necessitated the publication of a supplement in October 1948, a copy of which was sent to each member.

The Association is greatly indebted to the retiring President, Mr. E. K. Martin, who, during his two years of office, has taken such a keen personal interest in every phase of its work.

LIVING ACCOMMODATION

The College maintained three hostels for students until July 1949, when one at Nos. 8/11 Cartwright Gardens had to be closed owing to the University's plans to pull down the premises and construct a large modern hostel on the site. This hostel, which was under the supervision of Dr. and Mrs. F. C. Harris, accommodated 52 women students in four adjoining houses held on a short lease which expired in March 1949. The houses being old were in a bad state of repair and cost a good deal to keep in reasonable condition. Owing to the shortness of the lease it was not considered worth while to incur large capital expenditure in making extensive improvements, such as enlarging the kitchen and dining rooms to enable all meals to be prepared on the premises. Food for breakfasts on weekdays and all meals on Sundays was therefore sent from the Refectory and consumed in the hostel dining-room after preparation by the resident cook-housekeeper, while other meals including suppers on weekdays had to be taken in the Refectory.

Another hostel for 42 women students is in three houses, Nos. 93/97 Gower Street, which are held on a longer lease. Mrs. Coggin was appointed full-time Warden in February 1948 but resigned in August of that year and was succeeded by Miss Paynting who has managed the hostel since October 1948. Considerable alterations and improvements were carried out in the Long Vacation of 1948, the chief of which was the reconstruction of the basement to enable meals to be cooked and served on the premises. A resident cook and kitchen assistant were also appointed, and all meals except luncheon and tea on weekdays (taken in the Refectory) are now served in the hostel. Other improvements were made to the furniture, furnishings and fittings, and there is a further programme of supplying linoleum for many of the rooms, staircases and corridors where the floor coverings are either inadequate or non-existent.

A hostel for Slade School students is also maintained at Nos. 28/29 Cartwright Gardens under the supervision of the Warden, Mr. R. Nuttall-Smith. There are 22 resident students, men in one house and women in the other, who make their own arrangements for meals. There is a kitchen in the basement and a resident caretaker who also does the cleaning.

The hostels are administered by the Student Accommodation Committee under the chairmanship of Mr. D. Orson Wood, Senior Tutor. Members include the Tutor to Women Students and Tutors or representatives of all Faculties, while representatives of the students resident at the hostels have periodical opportunities of bringing suggestions and complaints to the notice of the Committee. The work of the Committee has greatly increased, and much time has been spent on the hitherto unsuccessful search for more hostel accommodation.

Numerous properties have been inspected, but proved either too expensive or unsuitable for various reasons.

As a long term policy the College Committee have requested the University to approve steps being taken for the acquisition of a large site in Fitzroy Street which will be sufficient for the construction of four or five hostels to accommodate some 500 students. This site consists largely of bomb-damaged houses or vacant plots on which the previous houses were destroyed during the war, and lies to the west of Tottenham Court Road and about five minutes' walk from the College.

Two houses in Nevern Square, Earl's Court, and three in Hornton Street, Kensington, were acquired in 1947 for conversion into flats for members of the academic and administrative staff. Conversion of the former block of six flats was completed in February 1949 and the flats are now all occupied. Work on the latter block has been delayed owing to formalities over permits and licences, but the flats are expected to be complete before Christmas 1949. There will be 15 flats of two or three rooms each plus kitchen and bathroom, and a small flat for a caretaker in the basement. The Nevern Square flats are larger, three of them having six rooms each, and the rents and rates proved too expensive for any but senior members of the staff: in fact some of these have had to be let to members of other schools of the University as there was no demand from members of this College.

THE STUDENT HEALTH ASSOCIATION

During the period under review the Student Health Association has been converted from an organisation primarily concerned with Health Insurance to one offering a wide range of health facilities. The insurance scheme operated by S.H.A. since 1945 was terminated upon the advent of the National Insurance Scheme in July 1948.

During the session 1948–49 the Health Centre, transferred to new temporary accommodation in 19 Gordon Street, continued to provide a service for consultation and treatment to all members of the College, who paid it a total of more than 3,000 visits. The expansion of this Health Centre into the headquarters of a comprehensive health service was planned during the session 1948–49, and will be implemented during the following session.

Dr. J. R. Dow of University College Hospital filled the post of part-time Medical Officer from October 1948 until July 1949 and on the 1st September 1949, Dr. Nicholas Malleson took up the newly created appointment of full-time Medical Officer. Sister Drinkwater continued to be in full-time attendance at the Health Centre. Dr. D. Heron, Miss E. M. Megaw and Mr. S. T. Bindoff continued to represent the College Committee on the Committee of the Association, and Mr. G. Clark and Professor F. R. Winton were succeeded by Miss W. Radley and Dr. J. Joseph in that capacity.

SPECIAL EVENTS

In 1948 *Foundation Week* was held in the last week of the Spring Term and began with performances of Pirandello's " Six Characters in Search of an Author ", presented by the College Dramatic Society. The Foundation Games were held at Mitcham on Wednesday 17th March with contests against King's College teams, and were followed by a dance in the University of London Union Assembly Hall. The Foundation Oration was delivered on Thursday 18th March by Senor Salvador de Madariaga in the Large Hall of Friends' House, the subject being " The Rights and Duties of the Liberal Professions ". The Foundation Concert, given by the Music Society under its conductor, Dr. Bernard Robinson, was held in the Sir William Beveridge Hall at the Senate House on 19th March, and the women members of the Union were " At Home " in the College Refectory on Saturday 20th March, when " A Phoenix Too Frequent " by Christopher Fry was presented by the Dramatic Society in the Gymnasium. The Foundation Debate on the motion " That the Future of Great Britain depends on the immediate return of a Conservative Government " was moved by Mr. Nigel Birch, M.P., and opposed by Mr. P. G. Walker, M.P. The motion was defeated. The week ended with the Foundation Ball in the Seymour Hall on Tuesday 23rd March.

On 27th April 1948 there was a *Visitation of the University to the Faculty of Laws*. The Provost entertained the Visitors at a luncheon (see page 52).

The Fellows' Dinner in 1948 was held on 30th April, the anniversary date of the laying of the foundation stone of the College. The Provost presided over 62 guests. The Dinner was preceded by the Ceremony of Admission by the Vice-Chairman of the College Committee, Sir Robert Waley Cohen, of the three new Honorary Fellows and eleven new Fellows whose names were reported in the Annual Report for 1947–48.

The Bicentenary of the birth of Jeremy Bentham on 15th February 1948 was celebrated on Tuesday 8th June 1948 when Professor C. W. Everett of Columbia University, New York, delivered a lecture on " The Constitutional Code of Jeremy Bentham ". The same evening, the Provost presided over a dinner attended by members of the College Committee, the Bentham Manuscript Committee, representatives of the University and others interested in Bentham's studies. After the dinner, M. Bernard Gagnebin, Conservateur des Manuscrits in the University of Geneva spoke in French on the subject of " Jeremy Bentham and Etienne Dumont ". A record of the celebrations has been preserved in a booklet published in 1948.

The nineteenth *Ramsay Memorial Dinner* was given by the Provost to the Ramsay Trustees, the Ramsay Advisory Council and the Ramsay Fellows, past and present, on 17th June 1948. The toast " The Memory of Sir William Ramsay " was proposed by Sir James Irvine.

A number of past and present British and foreign Fellows were present and it is a matter of satisfaction to know that in nearly all cases, past Fellows, dating from the Foundation of the Trust in 1919, still keep contact with the Trust.

The Assembly of Faculties in 1948 was held in Friends' House on 1st July. A full account of the proceedings is given in Appendix VI (page 128).

On the evening of 17th December 1948 the Provost and Mrs. Pye were " At Home " to members of the College Committee and Academic Staff in the Slade School.

A *Visitation of the University to the Faculties of Arts and Science* took place on 2nd and 3rd March 1949. On both days the Provost gave a luncheon in honour of the Visitors. (See also pages 39 and 52.)

The 1949 *Foundation Week* was preceded by four performances of " Antony and Cleopatra " given by the Dramatic Society from 9th to 12th March. This was their first Shakespearean production since the end of the war. Foundation Week proper opened on Wednesday 16th March with the Foundation Games at Mitcham, in which the College teams were successful in one event more than King's College. This victory was celebrated by a dance in the University of London Union Assembly Hall. On the following evening Professor M. L. E. Oliphant, F.R.S., delivered the Foundation Oration in the Large Hall at Friends' House, the subject being " Science and the Future ". For the first time this function was preceded by a programme given by the newly formed Film Society. On Friday 18th March, Anthony Addison conducted the Music Society's Foundation Concert in the Gymnasium. In this programme was included music specially written for the Dramatic Society's production of " Antony and Cleopatra " by James Iliffe. At the women's " At Home " on Saturday evening, 19th March, the Dramatic Society produced a play appropriately entitled " Peace at Home ", and Mr. Raymond Boyce, a student from the Slade School, gave an entertaining performance with his Puppets. On Monday, 21st March, the Foundation Debate was held in the Upper Refectory. Mr Hugh Gaitskell, Minister of Fuel and Power, moved the motion that " This House would welcome the return of a Labour Government in 1950 ". Mr. Brendan Bracken opposed. The motion was carried. As is customary, the Week ended with the Foundation Ball held in the Seymour Hall on Tuesday 23rd March.

At the *Fellows' Dinner* on 29th April 1949 there were forty-nine guests. Professor A. V. Hill, who was unable to attend, offered to present to the College a silver candlestick which he had received from the Fellows of Harvard University. He asked the Fellows to accept it for the use of the College, from an Honorary Fellow who has had a long and happy connection with University College. Dr. Marie Stopes, who was at the Dinner, presented a silver-gilt ornamental fruit dish for the adornment of the Fellows' Dinner table.

The Twentieth *Ramsay Memorial Dinner* was held on 16th June 1949 and the toast, " The Memory of Sir William Ramsay ", was proposed by Sir Edward Mellanby.

The Assembly of Faculties in 1949 was held at Friends' House on 30th June. A full account of the proceedings is given in Appendix VI (page 144).

During the period covered by the Report, hospitality has been extended to the following societies and organisations for meetings at the College :—

Anglo-Nietzsche Society
Association of Assistant Mistresses
Association of Principals, Wardens and Advisers to Women Students
Association of University Teachers
Association of Women Science Teachers
Atomic Scientists' Association
British Ecological Society
British Optical Association
British Pharmacological Society
British Psychological Society
English Goethe Society
Folk Lore Society
Historical Association
Institute of Contemporary Art
Institute of Motor Industry
Institute of Philosophy
Institute of World Affairs
International Federation of Library Associations
Liverpool University London Society
London Branch of Classical Association
London Mediaeval Society
Modern Humanities Research Association
Modern Languages Association
National Federation of Continuative Teachers Association
Royal Anthropological Society
Royal Statistical Society
Society of Endocrinology
U.N.E.S.C.O. Summer School
Universities Federation for Animal Welfare
Viking Society for Northern Research

ROBERT WALEY COHEN
Vice-Chairman.

APPENDIX I

RETURN OF ATTENDANCES OF THE MEMBERS OF THE COLLEGE COMMITTEE from 1st March 1948 to 30th September 1949.

Members of College Committee	College Committee	Managing Sub-Committee	Finance Sub-Committee
Vice-Chairman (Sir Robert Waley Cohen)	11—11	13—13	13—16
Treasurer (Dr. David Heron)	10—11	11—13	16—16
Provost (Dr. D. R. Pye)	10—11	12—13	16—16
Mr. A. B. Ashby	5—11	—	—
Professor H. E. M. Barlow	10—11	12—13	—
Mr. A. Digby Besant	9—11	8—13	13—16
Dr. O. L. Brady	6—7	7—9	—
Professor H. J. Collins	7—7	7—9	—
Professor G. R. de Beer	11—11	13—13	—
Mrs. Barbara Drake	7—11	8—13	10—16
Dr. P. Dunsheath	8—11	7—13	7—16
Sir Alexander Gibb	0—11	—	—
Professor H. P. Himsworth	4—11	—	—
Mr. A. S. Holness	9—11	10—13	10—16
Sir Frederick James	9—11	—	13—16
Professor H. F. Jolowicz	6—6	6—6	—
Professor A. H. M. Jones	8—9	11—11	—
Professor G. W. Keeton	3—4	2—4	—
Mr. E. K. Martin	2—4	—	3—6
Professor W. H. Pearsall	8—11	11—13	—
Mrs. J. Rodgers	3—11	—	—
Dr. A. H. Smith	4—4	4—4	—
Miss C. E. Wickers	8—11	—	—

[*Note.*—The two figures in each space indicate respectively the number of times that the member attended, and the number of times that he was summoned to meetings of the Committee in question.]

APPENDIX II

NUMBER OF STUDENTS IN THE COLLEGE

SESSION 1947–48

	Men	Women	Total
I. Faculty of Arts:			
(*a*) General	323	523	846
(*b*) Department of Political Economy	92	50	142
(*c*) Slade School of Fine Art	134	157	291
(*d*) Bartlett School of Architecture	179	88	267
(*e*) School of Librarianship and Archives	34	65	99
II. Faculty of Science	404	146	550
III. Faculty of Medical Sciences	125	49	174
IV. Faculty of Engineering	201	—	201
V. Faculty of Laws	167	35	202
VI. Postgraduate and Research	445	122	567
Total	2104	1235	3339

SESSION 1948–49

	Men	Women	Total
I. Faculty of Arts:			
(*a*) General	343	401	744
(*b*) Department of Political Economy	92	45	137
(*c*) Slade School of Fine Art	134	129	263
(*d*) Bartlett School of Architecture	205	64	269
(*e*) School of Librarianship and Archives	33	83	116
II. Faculty of Science	485	119	604
III. Faculty of Medical Sciences	174	32	206
IV. Faculty of Engineering	232	1	233
V. Faculty of Laws	207	38	245
VI. Postgraduate and Research	482	134	616
Total	2387	1046	3433

APPENDIX III

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

SESSION 1947–48

	Under-graduates	*Post-graduates*	*Evening Students*	*Totals*
UNITED KINGDOM—				
London	472	124	52	648
Home Counties (30 mile radius)	893	155	76	1124
Remainder of United Kingdom	878	86	38	1002
BRITISH COMMONWEALTH OF NATIONS—				
Australia	5	14	1	20
British East Africa	9	—	1	10
British Guiana	11	—	1	12
British West Africa	10	2	13	25
Canada	6	12	—	18
Ceylon	6	6	4	16
Cyprus	1	2	—	3
Gibraltar	3	—	1	4
Hong Kong	—	1	1	2
India	9	50	7	66
Malaya	7	—	4	11
Malta	2	1	—	3
Mauritius	2	—	1	3
New Zealand	6	11	—	17
Pakistan	8	7	—	15
South Africa	13	10	1	24
Sudan	1	1	1	3
Transjordan	1	—	—	1
West Indies	11	5	1	17
OTHER PARTS OF THE WORLD—				
Austria	4	2	—	6
Azores	1	—	—	1
Belgium	4	2	—	6
Burma	2	2	2	6
China	7	7	1	15
Czechoslovakia	15	3	—	18
Denmark	5	1	—	6
Egypt	7	20	1	28
Eire	3	1	1	5
France	21	2	—	23
Germany	4	—	—	4
Greece	3	5	3	11
Holland	4	1	—	5
Hungary	5	1	—	6
Iceland	3	—	—	3
Indo-China	1	—	—	1
Iran	—	1	—	1
Iraq	6	1	—	7
Italy	5	2	—	7
Carried forward	2454	538	211	3203

	Under-graduates	*Post-graduates*	*Evening Students*	*Totals*
Brought forward	2454	538	211	3203
Mexico	1	—	—	1
Morocco	1	—	—	1
Norway	10	—	—	10
Palestine	24	3	15	42
Poland	18	8	—	26
Portugal	1	—	—	1
Russia	2	—	—	2
South America	7	1	—	8
Spain	1	1	—	2
Sweden	—	1	—	1
Switzerland	14	4	—	18
Syria	—	1	—	1
Trieste	1	—	—	1
Turkey	2	5	—	7
United States of America	5	4	—	9
Yugoslavia	5	1	—	6
Totals	2546	567	226	3339

SUMMARY

British Isles	2774
Rest of the Commonwealth	270
Other parts of the world	295
Total	3339

SESSION 1948–49

	Under-graduates	*Post-graduates*	*Totals*
UNITED KINGDOM—			
London	539	131	670
Home Counties (30 mile radius)	1012	177	1189
Remainder of United Kingdom	911	91	1002
BRITISH COMMONWEALTH OF NATIONS—			
Australia	5	10	15
British East Africa	16	—	16
British Guiana	7	2	9
British West Africa	23	2	25
Canada	—	11	11
Ceylon	14	4	18
Cyprus	5	—	5
Gibraltar	4	—	4
Hong Kong	1	1	2
India	23	32	55
Malaya	17	1	18
Malta	—	2	2
Mauritius	3	—	3
New Zealand	11	10	21
Carried forward	2591	474	3065

	Under-graduates	*Post-graduates*	*Totals*
Brought forward	2591	474	3065
Pakistan	12	9	21
South Africa	20	13	33
Sudan	2	—	2
Transjordan	2	—	2
West Indies	9	6	15
OTHER PARTS OF THE WORLD—			
Abysinnia	1	—	1
Austria	1	—	1
Azores	1	—	1
Belgium	3	3	6
Burma	4	—	4
China	5	9	14
Czechoslovakia	2	4	6
Denmark	3	—	3
Egypt	11	29	40
Eire	6	2	8
Finland	2	1	3
France	18	4	22
Germany	6	3	9
Greece	3	4	7
Holland	7	—	7
Hungary	5	—	5
Iceland	4	1	5
Indo-China	1	—	1
Indonesia	1	—	1
Iran	2	3	5
Iraq	2	3	5
Italy	1	2	3
Latvia	1	—	1
Luxembourg	2	—	2
Norway	11	—	11
Palestine	19	8	27
Poland	21	8	29
South America	7	1	8
Spain	2	1	3
Sweden	5	—	5
Switzerland	7	1	8
Syria	2	5	7
Tunisia	1	—	1
Turkey	1	5	6
United States of America	11	18	29
Yugoslavia	1	—	1
Totals	2816	617	3433

SUMMARY

United Kingdom	2861
British Commonwealth of Nations	277
Other parts of the World	295
Total	3433

APPENDIX IV

(Part 1)

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE

ACCOUNTS

For the Year ended 31st July 1948

College Income and Expenditure

General Balance Sheet

1946–47 £	EXPENDITURE		1947–48 £ s. d.	£ s. d.
	Administration :—			
28,710	Salaries of Administrative Staff (including N. Insurance and Family Allowances)		36,649 11 3	
2,279	Superannuation of Administrative Staff		2,262 19 6	
505	Advertising		859 11 5	
9,266	Printing, Stationery, Postages and Telephone		11,376 0 9	
335	Audit and Legal Fees		531 6 10	
1,840	Other Expenses		1,083 16 9	
42,935				52,763 6 6
	Departmental Maintenance :—			
	Salaries of Teaching Staff (including N. Insurance and Family Allowances) :—			
75,005	Professorial	£77,135 16 8		
148,371	Non-Professorial	168,632 9 3		
223,376			245,768 5 11	
21,024	Superannuation of Teaching Staff		18,778 8 4	
—	Salaries of Departmental Staff (including N. Insurance)		1,802 7 0	
—	Superannuation of Departmental Staff		96 15 0	
714	Public Lectures		411 18 7	
37,982	Departmental Wages (including N. Insurance and Family Allowances)		46,348 12 3	
	Departmental and Laboratory Maintenance from :—			
52,378	General Income		36,217 12 10	
5,000	Special Apparatus Reserve Fund		5,000 0 0	
5,048	Trust and Special Funds and Donations		3,471 18 9	
6,272	Salaries of Librarian and Library Staff (including N. Insurance and Family Allowances)		7,377 12 1	
621	Superannuation of Library Staff		647 10 0	
6,169	Libraries		6,207 9 3	
875	Other Departmental Expenses		1,002 1 5	
359,459				373,130 11 5
	Maintenance of Premises :—			
	Rates and Insurance :—			
	General	£11,795 7 11		
9,791	College Flats	36 0 10		
			11,831 8 9	
13,785	Heat, Light and Water (including Wages of Stokers, N. Insurance and Family Allowances)		16,653 5 2	
8,879	Ordinary Repairs and General Maintenance of Buildings		10,297 14 0	
22,563	Wages of Porters and Attendants (including N. Insurance and Family Allowances)		17,682 13 10	
—	Cleaners (including N. Insurance and Family Allowances)		7,083 17 4	
349	Grounds		326 17 5	
1,295	Household Stores		1,325 16 4	
1,987	Furniture		2,460 15 4	
195	Crabb Robinson Fund (for Athletic Grounds, Halls, etc.) (*per contra*)		200 0 0	
643	Other Expenses		660 18 1	
59,487				68,523 6 3
	Pensions :—			
	Pensions to Retired Members of Staff from :—			
325	Trust Funds (*per contra*)		250 0 0	
1,391	General Income		1,333 2 6	
1,350	Servants' Pensions from General Income		2,000 0 0	
3,066				3,583 2 6
£464,947	Carried forward			£498,000 6 8

NIVERSITY COLLEGE

COUNTS FOR YEAR ENDED 31ST JULY 1948

RY

1946–47 £	INCOME	1947–48 £ s. d.	£ s. d.
	Endowments (Trust Funds): Appropriated for :—		
17,118	Salaries and Superannuation of Teaching Staff	12,028 2 4	
2,792	Scholarships and Prizes	3,285 17 9	
15,280	Faculty of Medical Sciences (Holme and Rockefeller Sustentation Funds)	14,649 19 3	
6,388	Chemical Engineering and Galton and Biometric Laboratories	7,914 9 10	
195	Athletic Grounds, Halls, etc. (Crabb Robinson Fund) (*per contra*)	200 0 0	
325	Retired Professors' Pensions (*per contra*)	250 0 0	
6,002	Purposes other than above	6,506 8 4	
48,100			44,834 17 6
	Donations and Subscriptions: Appropriated for :—		
6,755	Special Purposes	963 5 0	
847	Scholarships and Bursaries	994 11 6	
1,876	Apparatus Charges	925 9 5	
9,478			2,883 5 11
	Reserves: Appropriated for :—		
20,000	*Departmental Maintenance*	—	
784	Scholarships	301 10 0	
145	Library Expenditure	217 16 4	
20,929			519 6 4
	Special Funds: Appropriations from :—		
421	Eugenics and Statistics Publications	769 11 1	
5,000	Special Apparatus Reserve	5,000 0 0	
1,344	Students' Purposes	1,408 5 11	
15	Library Deposits	15 7 7	
5	German Library	186 2 10	
128	*Anatomy Radiographs*	—	
256	*Chemistry Loans Collection*	—	
48	Rockefeller Site Building and Equipment	50 0 0	
—	Library Fines	3 4 9	
7,217			7,432 12 2
	Grants Allocated by the Court of the University :—		
235,427	Recurrent Grant: General	285,427 0 0	
44,573	Medical	49,573 0 0	
—	Social Sciences	500 0 0	
2,640	Home Counties Grant	3,000 0 0	
282,640		338,500 0 0	
105	*Less* Transferred to Special Funds :— *German Library*	—	
282,535			338,500 0 0
	Fees :—		
99,748	General (including £1,187 16*s.* 10*d.* for Intercollegiate Teaching)	98,734 0 8	
1,235	Examination and Registration Fees	1,202 15 8	
406	Exhibition Bursaries and Special Fee Remissions (*per contra*)	436 4 6	
—	Law Lending Library	128 19 4	
101,389		100,502 0 2	
766	*Less* Intercollegiate Fees Paid	587 0 11	
100,623			99,914 19 3
£468,882	Carried forward		£494,085 1 2

ORDINA

1946–47 £	EXPENDITURE (*cont.*)	1947–48 £ s. d.	£ s. d.
464,947	Brought forward		498,000 6 8
	Other Educational Expenses :—		
155	Examiners' Fees		54 0 6
	Rents and Other Payments for Use of Buildings :—		
2,798	General	3,233 5 1	
—	College Flats	102 7 6	
			3,335 12 7
	Fellowships, Scholarships and Prizes :—		
3,576	From Endowments and Reserves	3,587 7 9	
2,249	,, General Income	2,274 11 11	
406	,, General Income (Exhibition Bursaries and Special Fee Remissions) (*per contra*)	436 4 6	
847	,, Special Donations	994 11 6	
7,078			7,292 15 8
	Students' Societies :—		
	Payments to :—		
5,093	University College London Union	5,066 5 0	
559	University of London Union	555 5 0	
123	Other Payments from Students' Purposes Fund	194 8 8	
5,775			5,815 18 8
1,881	**Interest on Mortgage on Gordon Street Frontage**		1,809 8 1
	Other Expenses :—		
238	Institute of Historical Research—Grant to Library (American History Fund)	277 8 6	
—	Grant to German Library	160 0 0	
—	Grant to Eugenics Publications Fund	100 0 0	
12	Working Men's Societies (Peel Fund)	5 0 0	
1,730	Miscellaneous Expenditure	1,978 19 7	
196	Bank Charges	866 10 7	
2,176			3,387 18 8
			519,696 0 10
£484,810			£519,696 0 10

COUNTS FOR YEAR ENDED 31ST JULY 1948 (*cont.*)

inued)

1946–47 £	INCOME (*cont.*)	1947–48 £ s. d.	£ s. d.
468,882	Brought forward		494,085 1 2
	Other Income :—		
	Interest and Dividends :—		
97	Dividends on General Investments	255 7 6	
640	Bawden Fund	640 0 0	
812	Houses and Land	1,267 5 2	
23	Societies (for Service, etc.)	10 13 4	
321	Lockers	312 5 0	
12	Sale of Calendars, etc.	67 15 10	
75	Administration Charges	75 0 0	
137	Keys	94 14 2	
553	Miscellaneous	1,908 4 11	
2,670			4,631 5 11
471,552			498,716 7 1
13,258	**Excess of Ordinary Expenditure over Ordinary Income carried to Balance Sheet**		20,979 13 9
£484,810			£519,696 0 10

EXT

1946–47 £	EXPENDITURE		1947–48 £ s. d.
194	Evacuation Expenses		43 1 4
327	*Temporary Accommodation of Library*		—
7,127	*War Damage, Repairs, etc. (Total expenditure to date £48,593)**		—
99	*Surveyors' Fees : War Damage Claims**		—
53	*Temporary Occupation of Site*		—
280	Alterations to Foster Court Ceilings		12 6 2
211	Alterations to Slade Lighting		434 17 9
196	*Alterations to Architecture Lighting*		—
3,353	Installation of Internal Automatic Telephones		3,742 2 7
309	*New Lifts—Chemistry Department*		—
331	*Reconditioning of Slade Basement*		—
44	*21-24 Gordon Square—Protection against Dry Rot*		—
705	*Professional Fees—Preparation of Quantities, etc.*		—
817	*Architecture Stools and Benches*		—
363	New Chairs		330 4 2
245	Deficit on Catering at Stanstead Bury		118 0 8
—	Anatomy Dissecting Room Lighting		422 8 3
—	Litho Printing Machine		355 0 0
	Purchase of :		
—	Lorry	£695 0 0	
—	Car	713 18 4	
			1,408 18 4
—	Stanstead Bury Dilapidations		2,316 14 6
—	Miscellaneous Petty Works		1,063 2 9
14,654			10,246 16 6
40,445	*Excess of Extraordinary Income over Extraordinary Expenditure carried to Balance Sheet*		—
£55,099			£10,246 16 6

* Transferred to Rehabilitation and Development Account.

COUNTS FOR YEAR ENDED 31ST JULY 1948 (*cont.*)

DINARY

1946–47 £	INCOME	1947–48 £ s. d.
	War Damage Commission—Received on account for Repairs, etc. (total	
346	*received to date, £43,863)**	—
62	*Ditto—Amount received for Surveyors' Fees**	—
	Rebate on Anatomy Dissecting Room Lighting Equipment (paid for in	
162	*1945–46)*	—
1,267	*Rent and Compensation for Temporary Occupation of Buildings and Site*	—
53	*Ditto—Amount received for Surveyors' Fees*	—
	Capital Grants Allocated by Court of University and University Grants Committee :—	
	Received on Account :—	
33,844	For Arrears of Equipment	6,156 0 0
6,000	*For Arrears of Maintenance*	—
41,734		6,156 0 0
	Expenditure in years 1940/41 to 1945/46 on Rehabilitation and Development,	
13,365	*now written back*	—
—	Expenditure in year 1946/47 on Rehabilitation and Development, now written back	1,246 18 11
—	Excess of Extraordinary Expenditure over Extraordinary Income	2,843 17 7
£55,099		£10,246 16 6

* Transferred to Rehabilitation and Development Account.

	PAYMENTS	1941–47 £ s. d.	1947–48 £ s. d.	Total £ s. d.
1.	Preparation of Plans for Reconstruction of the College	5,629 7 7	2,414 19 11	8,044 7 6
2.	Reconstruction of Main Building	3,165 12 0	10,485 18 5	13,651 10 5
3.	Huts and Equipment	26,187 15 8	19,779 15 6	45,967 11 2
4.	Excavation to East of South Cloisters	4,698 6 9	—	4,698 6 9
5.	Refectory Equipment	3,646 9 1	9,410 13 10	13,057 2 11
6.	Junior Chemistry Laboratory	484 16 8	5,398 1 9	5,882 18 5
7.	Hostels—Initial Expenditure	8,128 2 3	1,710 10 0	9,838 12 3
8.	New Laundry, etc.	2,502 2 0	1,140 3 7	3,642 5 7
9.	Equipment of Engineering Workshop	3,162 6 5	2,184 16 6	5,347 2 11
10.	Reorganisation of College Electricity System	11,888 0 3	19,638 17 8	31,526 17 11
11.	Auxiliary Generating Plant	2,200 0 0	8,722 11 6	10,922 11 6
12.	New Boilers for Chemistry Dept.	182 12 10	250 0 0	432 12 10
13.	Steam Lines for New Boilers	243 17 7	726 0 0	969 17 7
14.	Chemistry Fume Cupboard Extractors	63 19 2	—	63 19 2
15.	Chemistry Crystallography Laboratory	329 4 6	1,325 9 3	1,654 13 9
16.	Arrears of Maintenance, Decoration, etc.	5,929 9 9	8,404 9 0	14,333 18 9
17.	Accommodation Town Planning Dept.	—	1,828 11 6	1,828 11 6
18.	Tunnel for Electric Supply Cables and Steam Heating Plant	—	4,700 0 0	4,700 0 0
19.	Temporary Furniture Store	—	17 11 7	17 11 7
20.	Phonetics Sound-proof Room	—	1,548 19 2	1,548 19 2
21.	Animal House	—	207 13 3	207 13 3
22.	Alterations and Additions to Anatomy Dept.	—	833 0 6	833 0 6
23.	Alterations to Engineering Faculty	—	819 10 4	819 10 4
24.	Chemistry Alterations and Extensions	—	28 10 0	28 10 0
25.	Electronic Workshop	—	64 0 0	64 0 0
26.	Office Equipment and Furniture	—	86 0 0	86 0 0
27.	Departmental Apparatus and Equipment	1,246 18 11	22,411 5 0	23,658 3 11
28.	Botany Greenhouse	—	227 6 9	227 6 9
29.	War Damage Repairs	43,717 7 10	98 1 1	43,815 8 11
30.	Reparation of Air Raid Damage—Ramsay Chemical Engineering Laboratory	4,975 0 0	9,589 15 6	14,564 15 6
31.	Miscellaneous Minor Works	—	951 5 10	951 5 10
		£128,381 9 3	£135,003 17 5	£263,385 6 8

Development Account

	RECEIPTS	1941–47 £ s. d.	1947–48 £ s. d.	Total £ s. d.
3.	Huts and Equipment	24,511 0 0	18,889 0 0	43,400 0 0
4.	Excavation to East of South Cloisters	4,698 0 0	—	4,698 0 0
5.	Refectory Equipment	1,716 0 0	8,284 0 0	10,000 0 0
6.	Junior Chemistry Laboratory	—	4,641 0 0	4,641 0 0
7.	Hostels—Initial Expenditure	2,500 0 0	5,500 0 0	8,000 0 0
8.	New Laundry, etc.	—	3,551 0 0	3,551 0 0
9.	Equipment of Engineering Workshop	2,869 0 0	2,303 0 0	5,172 0 0
10.	Reorganisation of College Electricity System	11,669 0 0	13,228 0 0	24,897 0 0
12.	New Boilers for Chemistry Dept.	183 0 0	244 0 0	427 0 0
13.	Steam Lines fcr New Boilers	244 0 0	726 0 0	970 0 0
14.	Chemistry Fume Cupboard Extractors	—	64 0 0	64 0 0
15.	Chemistry Crystallography Laboratory	—	1000 0 0	1,000 0 0
16.	Arrears of Maintenance	—	13,951 0 0	13,951 0 0
17.	Accommodation for Town Planning Dept	—	1,580 0 0	1,580 0 0
18.	Tunnel for Electric Supply Cables and Steam Heating Plant	—	4,700 0 0	4,700 0 0
20.	Phonetics Sound-proof Room	—	99 0 0	99 0 0
21.	Animal House	—	208 0 0	208 0 0
29.	War Damage Repairs	43,925 5 0	—	43,925 5 0
		92,315 5 0	78,968 0 0	171,283 5 0
	Excess of Payments over receipts carried to Balance Sheet	36,066 4 3	56,035 17 5	92,102 1 8
		£128,381 9 3	£135,003 17 5	£263,385 6 8

General Balance Sheet of

LIABILITIES, CAPITAL ACCOUNT, RESERVES AND OTHER FUNDS

		£ s. d.	£ s. d
College General Capital Account :—			
Balance 31st July 1947		750,551 7 6	
Add : Court Grant for Seamen's Hospital		50,000 0 0	
		800,551 7 6	
Less : Written back to Miscellaneous Capital and Special Funds		4,425 10 7	
			796,125 16 11
Trust Funds		1,037,241 17 0	
Less : University College General Account		263 17 5	
			1,036,977 19 7
Reserve Funds :—			
General and Medical		42,941 3 10	
Library		1,975 11 8	
			44,916 15 6
Redemption Fund :—			
Port of London Stock			138 1 8
Miscellaneous Capital Funds			52,279 13 7
Superannuation Funds held on Behalf of Beneficiaries			1,234 16 11
Loan Fund Accounts			1,847 11 4
Pension Reserve Fund			3,547 15 7
Special Fund Accounts			47,226 9 2
Unexpended Balances :—			
Grants and Donations from Outside Sources		12,805 13 1	
Departmental and Library Grants in Suspense		8,260 18 8	
Miscellaneous		1,228 6 7	
			22,294 18 4
Fees in Suspense			1,084 6 9
Mortgage Loans :—Gordon Street Frontage—Prudential Assurance Co., Ltd.		50,000 0 0	
Less : Principal Repaid to date		6,154 0 2	
		43,845 19 10	
Seamen's Hospital—Equitable Life Assurance Society		44,000 0 0	
			87,845 19 10
Treasury Loan for College Flats			39,500 0 0
Sundry Creditors			29,051 17 5
Bank Overdraft on Current Account			35,186 9 7
Income and Expenditure Accounts :—			
As per Balance Sheet, 31st July 1947 :—			
General	39,107 18 2		
Medical	4,672 3 9		
		43,780 1 11	
Less : Excess of Ordinary Expenditure over Ordinary Income for the year ended 31st July 1948 :—			
General	7,043 2 3		
Medical	13,936 11 6		
		20,979 13 9	
		22,800 8 2	
Less : Excess of Extraordinary Income over Extraordinary Expenditure for the year ended 31st July 1948 :—			
Medical		3,611 18 6	
		19,188 9 8	
Add : Excess of Extraordinary Income over Extraordinary Expenditure for the year ended 31st July 1948 :—			
General		768 0 11	
		19,956 10 7	
Add : War Damage Repairs Adjusted		4,767 2 10	
Redemption Funds written off		11,373 14 3	
			36,097 7 8
			£2,235,355 19 10

We have examined the above Balance Sheet as at 31st July 1948, and vouchers relating thereto, and certify them as being properly drawn

3 Frederick's Place, Old Jewry, London, E.C.2.
31st March 1949.

EGE AT 31ST JULY 1948

ASSETS AND REHABILITATION AND DEVELOPMENT EXPENDITURE

	£	s.	d.	£	s.	d.
College Freehold Lands, Buildings, Furniture, Library, etc., being the Land with the Buildings of the College and the Buildings Extensions	846,230	0	0			
Additions during the Year :—						
1, 3 and 5 Hornton Street, Kensington (Adaptation)	159	1	11			
Seamen's Hospital	92,979	7	6			
33 Broadhurst Gardens (Deposit)	475	0	0			
				939,843	9	5
Leasehold Property :—						
21 Gordon Square—Cost of Lease	2,633	14	6			
24 ditto ditto and Equipment	1,333	1	11			
	3,966	16	5			
Less : Redemption Fund	3,966	16	5			
	—	—	—			
37 and 38 Nevern Square—Cost of Lease	7,555	13	0			
Addition during the Year (Adaptation)	4,746	5	10			
				12,301	18	10
Rehabilitation and Development Account :— Payments, less receipts to date, on account of capital works in progress, deferred expenditure, and expenditure on reconstruction of properties damaged by enemy action				92,102	1	8
Note.—The values at which the above assets appear in the Balance Sheet will be subject to adjustment on settlement of War Damage claims for properties destroyed and damaged.						
Investments at Book Value				110,777	5	2
Trust Funds				1,037,241	17	0
Law Students' Lending Library				450	10	8
Stock of Works Materials and Furniture				3,154	17	11
Refectory—Advance Account				1,801	1	11
Sundry Debtors, Outstanding Accounts and Payments in Advance				34,270	8	3
National Insurance Stamp Account :— In hand and on deposit with Insurance Commissioners				3,412	9	0
				£2,235,355	19	10

and relative Income and Expenditure Accounts with the books, accounts up and in accordance therewith.

(Signed) PRICE, WATERHOUSE & CO.,
Chartered Accountants.

APPENDIX IV

(Part 2)

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE

ACCOUNTS

For the Year ended 31st July 1949

College Income and Expenditure

General Balance Sheet

UNIVERSITY OF LONDON

College Income and Expenditure

1947–48 £	£	EXPENDITURE	£	s.	d.	£	s.	d.
		Administration :—						
		Salaries of Administrative Staff (including N. Insurance						
36,650		and Family Allowances)	38,879	0	11			
2,263		Superannuation of Administrative Staff	2,283	7	8			
859		Advertising	729	5	2			
11,376		Printing, Stationery, Postages and Telephone	10,957	8	5			
531		Audit and Legal Fees	480	15	2			
1,084		Other Expenses	1,661	8	4			
	52,763					54,991	5	[illegible]
		Departmental Maintenance :—						
		Salaries of Teaching Staff (including N. Insurance and Family Allowances)— £ s. d.						
77,136		Professorial 77,223 2 6						
168,632		Non-Professorial 185,782 4 7						
245,768			263,005	7	1			
18,778		Superannuation of Teaching Staff	22,547	19	1			
1,802		Salaries of Departmental Staff (including N. Insurance) ...	2,745	16	1			
97		Superannuation of Departmental Staff	151	0	0			
412		Public Lectures	176	2	9			
		Departmental Wages (including N. Insurance and Family						
46,349		Allowances)	53,677	5	11			
		Departmental and Laboratory Maintenance from :						
36,218		General Income	40,239	9	0			
5,000		Special Apparatus Reserve Fund	5,000	0	0			
3,472		Trust and Special Funds and Donations	2,603	18	10			
		Salaries of Librarian and Library Staff (including N.						
7,378		Insurance and Family Allowances)	9,080	9	2			
648		Superannuation of Library Staff	570	0	0			
6,207		Libraries ... ..., ...	7,231	8	2			
1,002		Other Departmental Expenses	1,000	7	9			
	373,131					408,029	3	1
		Maintenance of Premises :—						
		Salaries of Works Department Staff (including N. Insur-						
2,070		ance and Family Allowances)	2,570	19	0			
144		Superannuation of Works Department Staff	149	17	10			
11,831		Rates and Insurance	13,175	17	6			
		Heat, Light and Water (including Wages of Stokers, N.						
16,653		Insurance and Family Allowances)	21,842	19	2			
8,084		Ordinary Repairs and General Maintenance of Buildings	8,460	9	11			
		Wages of Porters and Attendants (including N. Insurance						
17,682		and Family Allowances)	13,607	3	3			
7,084		Cleaners (including N. Insurance and Family Allowances)	8,510	2	9			
327		Grounds	367	1	5			
1,326		Household Stores	2,246	11	9			
2,461		Furniture	1,221	6	6			
		Crabb-Robinson Fund (for Athletic Grounds, Halls, etc.)						
200		(*per contra*)	219	18	3			
661		Other Expenses	898	18	3			
	68,523					73,271	5	
		Pensions :—						
		Pensions to Retired Members of Staff from :						
250		Trust Funds (*per contra*)...	237	10	0			
1,333		General Income	4,657	6	8			
2,000		Servants' Pensions from General Income	2,000	0	0			
	3,583					6,894	16	
		Other Educational Expenses :—						
	54	Examiners' Fees				151	4	
		Rents and Other Payments for Use of Buildings						
	3,336	(including Hostels)				3,230	3	
	501,390	Carried Forward				546,567	19	

UNIVERSITY COLLEGE

Account for Year ended 31st July 1949

1947–48 £	£	INCOME	1948–49 £ s. d.	£ s. d.
		Endowments (Trust Funds): Appropriated for :—		
12,028		Salaries and Superannuation of Teaching Staff	10,362 16 9	
3,286		Scholarships and Prizes	3,199 3 9	
14,650		Faculty of Medical Sciences (Holme and Rockefeller Sustentation Funds)	14,551 3 6	
7,915		Chemical Engineering and Galton and Biometric Laboratories	6,740 14 7	
200		Athletic Grounds, Halls, etc. (Crabb Robinson Fund) (*per contra*)	219 18 3	
250		Retired Professors' Pensions (*per contra*)	237 10 0	
6,506		Purposes other than above	7,026 15 9	
	44,835			42,338 2 7
		Donations and Subscriptions: Appropriated for :—		
963		Special Purposes	1,912 15 0	
995		Scholarships and Bursaries	1,841 10 1	
925		Apparatus	280 2 3	
	2,883			4,034 7 4
		Reserves: Appropriated for :—		
301		*Scholarships*	—	
218		*Library Expenditure*	—	
	519			—
		Special Funds: Appropriations from :—		
770		Eugenics and Statistics Publications Fund	751 16 2	
5,000		Special Apparatus Reserve Fund	5,000 0 0	
1,408		Students' Purposes Fund	1,540 2 3	
—		Completion of Engineering Laboratories Fund	42 19 0	
16		Library Deposits Fund	15 13 7	
186		German Library Fund	213 2 8	
50		Rockefeller Site Building and Equipment Fund	52 0 0	
3		Library Fines Fund	17 19 1	
	7,433			7,633 12 9
55,670		Carried Forward		54,006 2 8

1947–48 £	£	EXPENDITURE—*continued*	1948–49 £ s. d.	£ s.
	501,390	Brought forward		546,567 19
		Fellowships, Scholarships and Prizes :—		
3,587		From Endowments	3,199 3 9	
2,275		,, General Income	3,199 3 8	
436		,, General Income (Exhibition Bursaries and Special Fee Remissions) (*per contra*)	223 10 0	
995		,, Special Donations	1,841 10 1	
	7,293			8,463 7
		Students' Societies :—		
5,066		Payments to : University College London Union ...	5,046 2 0	
555		University of London Union	541 10 0	
195		Other Payments from Students' Purposes Fund... ...	320 17 6	
	5,816			5,908 9
	1,809	**Interest on Mortgage on Gordon Street Frontage** ...		1,734 16
		Other Expenses :—		
277		Institute of Historical Research—Grant to Library (American History Fund)	152 2 5	
—		Subvention to Refectory for College Amenities	400 0 0	
160		Grant to German Library	160 0 0	
100		,, *Eugenics Publication Fund*	—	
5		*Working Men's Societies (Peel Fund)*	—	
1,979		Miscellaneous Expenditure	2,302 13 3	
867		Bank Charges	1,124 4 5	
	3,388			4,139 0
	10,247	**Capital Expenditure met from Income**...		428 2
	—	**Deficit on Staff Accommodation Account**		1,101 13
				568,343 8
		Excess of Income over Expenditure carried to Appropriation Account :—		
		General	18,192 6 11 (Cr.)	
		Medical	11,156 7 5 (Dr.)	
		Social Sciences	406 11 8 (Dr.)	
				6,629 7
	£529,943			£574,972 1

Account for Year ended 31st July 1949 (*cont.*)

1947–48 £	£	INCOME—*continued*	1948–49 £ s. d.	£ s. d.
	55,670	Brought forward		54,006 2 8
		Grants Allocated by the Court of the University :—		
285,427		Recurrent Grant : General	348,427 0 0	
49,573		Medical	60,573 0 0	
500		Social Sciences	7,000 0 0	
3,000		Home Counties Grant	—	
	338,500			416,000 0 0
		Fees :—		
98,734		General (including £842 12s. 5d. for Intercollegiate Teaching)	99,741 9 9	
1,203		Examination and Registration Fees	1,341 9 0	
436		Exhibition Bursaries and Special Fee Remissions (*per contra*)	223 10 0	
129		*Law Lending Library*	—	
100,502			101,306 8 9	
587		*Less* Intercollegiate Fees Paid	585 11 1	
	99,915			100,720 17 8
		Other Income :—		
		Interest and Dividends—		
255		Dividends on General Investment	58 1 5	
640		Bawden Fund	640 0 0	
1,267		*Houses and Land*	—	
11		Societies (for Service, etc.)	19 15 7	
312		Lockers and Cycle House Rents	315 4 6	
68		Sale of Calendars, etc.	35 3 2	
75		Administration Charges	75 0 0	
95		Keys	117 0 5	
1,908		Miscellaneous	1,092 18 2	
	4,631			2,353 3 3
	7,403	*Capital Receipts brought into Income*		—
	—	**Surplus on Hostels Account**		955 11 11
	—	**Surplus on College Properties Account**		937 1 0
	506,119			574,972 16 6
	20,980	*Excess of Ordinary Expenditure over Ordinary Income* ...		—
	2,844	*Excess of Extraordinary Expenditure over Extraordinary Income*		—
	£529,943			£574,972 16 6

Appropriation

	General £ s. d.	Medical £ s. d.	Social Sciences £ s. d.	Net Total £ s.
Balance (Deficit) Brought Forward from 1947–48	—	12,876 6 3	—	—
Excess of Expenditure over Income 1948–49	—	11,156 7 5	406 11 8	—
Medical Deficit Transferred	24,032 13 8	—	—	—
Amount Transferred to College General Capital Account	30,000 0 0	—	—	30,000 0
Excess of Income over Expenditure ...	13,133 7 2	—	—	—
Balance Carried to Balance Sheet ...	—	—	—	12,726 15
	£67,166 0 10	24,032 13 8	406 11 8	42,726 15

Hostel

EXPENDITURE

	93–97 Gower St. £ s. d.	8–11 Cartwright Gardens £ s. d.	28–29 Cartwright Gardens £ s. d.	Total £ s.
Rent of Premises	675 0 0	672 5 6	263 14 0	1,610 19
Rates and Insurance	259 16 0	541 14 4	159 9 5	960 19
Maintenance of Premises	171 10 7	214 2 3	140 10 0	526 2 1
Heating, Lighting and Water	401 10 11	422 7 2	97 7 1	921 5
Wages and N. Insurance	1,109 16 10	804 0 3	117 1 7	2,030 18
Laundry and Household Stores	203 17 7	80 12 4	—	284 9 1
Food	897 10 11	2,302 2 0	—	3,199 12 1
Repairs and Renewals, Telephone and Miscellaneous	168 8 8	78 2 8	15 15 3	262 6
Sundry Equipment	22 7 0	34 12 5	—	56 19
Allocation to Maintenance Reserve ...	100 0 0	100 0 0	100 0 0	300 0
Warden's Salary, N. Insurance and Superannuation (1947–48 and 1948–49)	476 9 6	—	—	476 9
	£4,486 8 0	5,249 18 11	893 17 4	10,630 4
Surplus Carried to Income and Expenditure Account				955 11
				£11,585 16

Account

	General £ s. d.	Medical £ s. d.	Social Sciences £ s. d.	Net Total £ s. d.
Balance (Surplus) Brought Forward from 1947–48	48,973 13 11	—	—	36,097 7 8
Excess of Income over Expenditure, 1948–49	18,192 6 11	—	—	6,629 7 10
Medical Deficit Charged Against General Surplus	—	24,032 13 8	—	—
Excess of Expenditure over Income ...	—	—	406 11 8	—
	£67,166 0 10	24,032 13 8	406 11 8	42,726 15 6

Account

INCOME

	93–97 Gower St. £ s. d.	8–11 Cartwright Gardens £ s. d.	28–29 Cartwright Gardens £ s. d.	Total £ s. d.
Residence Fees	4,013 5 7	4,185 1 0	657 6 5	8,855 13 0
Telephone Receipts	4 19 2	25 3 4	—	30 2 6
Rent of Premises transferred to College Income and Expenditure Account ...	675 0 0	672 5 6	263 14 0	1,610 19 6
	£4,693 4 9	4,882 9 10	921 0 5	10,496 15 0
Surplus on Hostels Account at 31st July, 1948, written back				1,089 1 2
				£11,585 16 2

STAH

EXPENDITURE

		£ s.
Ground Rent		90 0
Rates and Insurance		41 6
Lighting and Power		3 8
Service		16 13
Telephone		77 10
		228 18
Treasury Loan:		
Interest	614 3 9	
Transfer to Redemption Fund	425 11 4	1,039 15
		£1,268 14

COLLEG

EXPENDITURE

		£ s.
Rents Payable		67 15
Rates and Insurance		400 3
Heating, Lighting and Water		160 6
Cleaning		54 14
Maintenance of Premises		88 14
Miscellaneous		12 18
		784 11
Mortgage Loan on Seamen's Hospital:		
Interest	1,615 12 5	
Transfer to Redemption Fund	3,701 9 5	5,317 1
Surplus Carried to Income and Expenditure Account		937 1
		£7,038 14

Accommodation Account

INCOME

	£	s.	d.
Rents Received	167	0	10
Deficit Carried to Income and Expenditure Account	1,101	13	2
	£1,268	14	0

Properties Account

INCOME

	£	s.	d.
Rents Received from Properties, at			
Malet Place, East Side	246	0	0
114–116 Gower Street	566	18	7
40 Sandwich Street	127	17	6
Foster Court (St. Pancras Electricity Sub-Station)	40	0	0
134 Gower Street	110	0	0
24 Gordon Square (Caretaker)	26	0	0
25 Gordon Street (Seamen's Hospital)	5,921	18	4
	£7,038	14	5

PAYMENTS

	1941–48 £ s. d.	1948–49 £ s. d.	Total £ s.
1. Preparation of Plans for Reconstruction of the College	8,044 7 6	2,467 2 7	10,511 10
2. Reconstruction of Main Building	13,651 10 5	46,241 13 11	59,893 4
3. Huts and Equipment	45,967 11 2	7,332 1 3	53,299 12
4. Excavation to East of South Cloisters	4,698 6 9	—	4,698 6
5. Refectory Equipment	13,057 2 11	5,216 13 4	18,273 16
6. Junior Chemistry Laboratory	5,882 18 5	17,261 15 9	23,144 14
7. Hostels—Initial Expenditure	9,838 12 3	5,143 2 7	14,981 14
8. New Laundry, etc.	3,642 5 7	534 15 1	4,177 0
9. Equipment of Engineering Workshop	5,347 2 11	454 14 0	5,801 16
10. Reorganisation of College Electricity System ...	31,526 17 11	64,884 9 1	96,411 7
11. Auxiliary Generating Plant	10,922 11 6	3,371 5 4	14,293 16
12. New Boilers for Chemistry Dept.	432 12 10	921 16 9	1,354 9
13. Steam Lines for New Boilers	969 17 7	2,656 0 0	3,625 17
14. Chemistry Fume Cupboard Extractors	63 19 2	63 2 9	127 1
15. Chemistry Crystallography Laboratory	1,654 13 9	2,710 17 4	4,365 11
16. Arrears of Maintenance, Decoration, etc.	14,333 18 9	12,150 17 2	26,484 15
17. Accommodation for Town Planning Dept.	1,828 11 6	366 18 1	2,195 9
18. Tunnel for Electric Supply Cables and Steam Heating Plant	4,700 0 0	6,187 10 0	10,887 10
19. Temporary Furniture Store	17 11 7	3,108 5 0	3,125 16
20. Phonetics Sound-proof Room	1,548 19 2	1,463 3 5	3,012 2
21. Animal House	207 13 3	3,066 12 0	3,274 5
22. Alterations and Additions to Anatomy Dept. ...	833 0 6	79 6 1	912 6
23. Alterations to Engineering Faculty	819 10 4	2,495 3 7	3,314 13
24. Chemistry Alterations and Extensions	28 10 0	—	28 10
25. Electronic Workshop	64 0 0	1,002 4 10	1,066 4
26. Office Equipment and Furniture	86 0 0	1,882 4 2	1,968 4
27. Departmental Apparatus and Equipment	23,658 3 11	1,442 19 4	25,101 3
28. Botany Greenhouse	227 6 9	26 9 10	253 16
29. War Damage Repairs	43,815 8 11	176 0 5	43,991 9
30. Reparation of Air Raid Damage—Ramsay Chemical Engineering Laboratory	14,564 15 6	2,936 10 4	17,501 5
31. Miscellaneous Minor Works	951 5 10	1,392 11 5	2,343 17
32. Conversion of Room in Architecture for Botany Dept.	—	2,825 17 3	2,825 17
33. 24/26 Gordon Square	—	6,647 6 11	6,647 6
34. Library	—	554 1 6	554 1
35. Pharmacology Alterations	—	969 7 8	969 7
36. Furniture for New Library	—	5 11 9	5 11
37. Physics Department—Reinstatement	—	1,687 12 6	1,687 12
38. Egyptology Collection	—	85 14 6	85 14
39. Telephone Switchboard...	—	71 0 1	71 0
40. Lockers	—	294 14 0	294 14
41. Foster Court—Soundproofing	—	3,000 0 0	3,000 0
42. Gordon Street Cycle Shed and Battery House ...	—	31 12 11	31 12
43. 17 Gordon Street	—	2,098 7 8	2,098 7
44. Chemistry Storage Cupboards	—	1,333 5 7	1,333 5
45. Hostels Development Scheme	—	10 10 0	10 10
46. Incinerator	—	560 0 11	560 0
	£263,385 6 8	£217,211 8 8	£480,596 15

Development Account

RECEIPTS

	1941–48 £	s.	d.	1948–49 £	s.	d.	Total £	s.	d.
2. Reconstruction of Main Building	—			28,400	0	0	28,400	0	0
3. Huts and Equipment	43,400	0	0	7,330	0	0	50,730	0	0
4. Excavation to East of South Cloisters	4,698	0	0	—			4,698	0	0
5. Refectory Equipment	10,000	0	0	5,024	0	0	15,024	0	0
6. Junior Chemistry Laboratory	4,641	0	0	9,759	0	0	14,400	0	0
7. Hostels—Initial Expenditure	8,000	0	0	—			8,000	0	0
8. New Laundry, etc.	3,551	0	0	105	0	0	3,656	0	0
9. Equipment of Engineering Workshop	5,172	0	0	525	0	0	5,697	0	0
10. Reorganisation of College Electricity System ...	24,897	0	0	55,278	0	0	80,175	0	0
11. Auxiliary Generating Plant	—			4,216	14	1	4,216	14	1
12. New Boilers for Chemistry Dept.	427	0	0	877	0	0	1,304	0	0
13. Steam Lines for New Boilers	970	0	0	2,656	0	0	3,626	0	0
14. Chemistry Fume Cupboard Extractors	64	0	0	63	0	0	127	0	0
15. Chemistry Crystallography Laboratory	1,000	0	0	1,870	0	0	2,870	0	0
16. Arrears of Maintenance, Decoration, etc.	13,951	0	0	11,510	13	1	25,461	13	1
17. Accommodation for Town Planning Dept.	1,580	0	0	470	0	0	2,050	0	0
18. Tunnel for Electric Supply Cables and Steam Heating Plant	4,700	0	0	6,100	0	0	10,800	0	0
19. Temporary Furniture Store	—			3,000	0	0	3,000	0	0
20. Phonetics Sound-proof Room	99	0	0	2,601	0	0	2,700	0	0
21. Animal House	208	0	0	2,135	0	0	2,343	0	0
22. Alterations and Additions to Anatomy Dept. ...	—			833	0	0	833	0	0
25. Electronic Workshop	—			233	0	0	233	0	0
26. Office Equipment and Furniture	—			719	0	0	719	0	0
27. Departmental Apparatus and Equipment	—			19,756	0	0	19,756	0	0
29. War Damage Compensation	43,925	5	0	—			43,925	5	0
30. Reparation of Air Raid Damage—Ramsay Chemical Engineering Laboratory	—			1,250	0	0	1,250	0	0
31. Miscellaneous Minor Works	—			2,181	0	0	2,181	0	0
32. Conversion of Room in Architecture for Botany Dept.	—			2,672	0	0	2,672	0	0
35. Pharmacology Alterations	—			865	0	0	865	0	0
37. Physics Department—Reinstatement	—			560	12	6	560	12	6
39. Telephone Switchboard...	—			57	0	0	57	0	0
41. Foster Court—Soundproofing	—			3,012	0	0	3,012	0	0
44. Chemistry Storage Cupboards	—			1,333	7	6	1,333	7	6
	171,283	5	0	175,392	7	2	346,675	12	2
Excess of Payments over Receipts carried to Balance Sheet	92,102	1	8	41,819	1	6	133,921	3	2
	£263,385	6	8	£217,211	8	8	£480,596	15	4

UNIVERSITY OF LONDON

General Balance Sheet of the

LIABILITIES, CAPITAL ACCOUNT, RESERVES AND OTHER FUNDS

1947–48 £		£ s. d.	1948–49 £ s. d.	£ s. d.
796,126	**College General Capital Account** as at 31st July, 1948	796,125 16 11		
	Transfer from Appropriation Account ...	30,000 0 0		
			826,125 16 11	
	Mortgage Loans :			
	Gordon Street Frontage—Prudential Assurance Co. Ltd.	50,000 0 0		
	Less Principal repaid to date	8,074 15 2		
43,846			41,925 4 10	
	Seamen's Hospital—Equitable Life Assurance Society	44,000 0 0		
	Less Principal repaid to date	3,701 9 5		
44,000			40,298 10 7	
	Treasury Loan for College Flats... ...	39,500 0 0		
	Add Accrued Interest Capitalised	1,445 15 5		
		40,945 15 5		
	Less Principal repaid to date	425 11 4		
39,500			40,520 4 1	
923,472				948,869 16
	Sundry Funds :			
1,848	Loan Funds		1,872 6 8	
44,917	Reserve Funds		38,798 7 8	
103,054	Special Funds...		99,190 16 9	
22,295	Unexpended Balances		32,728 4 6	
172,114			172,589 15 7	
36,097	**Appropriation Account**		12,726 15 6	
208,211				185,316 11
	Current Liabilities :			
35,186	Bank Overdraft		38,455 7 4	
29,052	Creditors and Accrued Expenses		81,801 11 11	
1,084	Fees in Suspense		1,394 13 6	
65,322				121,651 12
	Superannuation Funds :			
1,235	Held on behalf of beneficiaries			1,234 0
138	**Redemption Funds**			4,407 4
1,198,378				1,261,479 4
	Trust Funds :			
1,037,242	Liabilities and Capital			1,043,189 10
£2,235,620				£2,304,668 15

We have examined the above Balance Sheet as at 31st July, 194
and vouchers relating thereto, and certify them as being properly drav

3 Frederick's Place, Old Jewry, London, E.C.2.
31st December 1949.

UNIVERSITY COLLEGE

College at 31st July 1949

ASSETS AND REHABILITATION AND DEVELOPMENT EXPENDITURE

1947–48 £		1948–49 £ s. d.	£ s. d.
	College Freehold Lands, Buildings, Furniture, Library, etc., being the Land with the buildings of the College :		
743,850	General Properties	743,850 1 1	
82,750	Gordon Street Frontage (25–28 Gordon Square and 3–23 (Odd) Gordon Street)	82,750 2 5	
19,789	1, 3 and 5 Hornton Street	38,097 15 0	
—	Fitzroy Street Properties (Preliminary Expenditure) ...	524 15 0	
475	33 Broadhurst Gardens	4,850 0 0	
92,979	Seamen's Hospital	93,031 17 6	
939,843		963,104 11 0	
	College Leasehold Property :		
12,302	37 and 38 Nevern Square	19,141 10 5	
952,145			*982,246 1 5
	Rehabilitation and Development Account :		
92,102	Payments, less receipts to date, on account of capital works in progress, deferred expenditure and expenditure on reconstruction of properties damaged by enemy action		*133,921 3 2
	* *Note.*—The values at which these assets appear in the Balance Sheet will be subject to adjustment on settlement of War Damage claims for properties destroyed and damaged.		
	General College Funds :		
110,265	Investments, at Book Value ... ... (Market Value at 31st July, 1949—£92,943)		100,414 10 9
	Current Assets :		
3,155	Stores (Works Material and Furniture)	5,085 6 11	
3,413	National Insurance Stamps	5,014 9 9	
1,801	Refectory Advances	2,704 6 3	
34,985	Debtors and payments in advance...	31,439 2 6	
43,354			44,243 5 5
	Superannuation Funds :		
398	Investments, at Book Value ... ... (Market Value at 31st July, 1949—£517)		398 8 11
	Redemption Funds :		
114	Investments		255 15 2
1,198,378			1,261,479 4 10
	Trust Funds :		
1,037,242	Assets		1,043,189 10 4
£2,235,620			£2,304,668 15 2

and relative Income and Expenditure Accounts with the books, accounts up and in accordance therewith.

(Signed) PRICE, WATERHOUSE & CO.,
Chartered Accountants.

APPENDIX V

GRANTS

1. Recurrent

Grants allocated by the Court of the University :—	1946–47	1947–48	1948–49
	£	£	£
For General Purposes	235,427	285,427	348,427
For Medical Education	44,573	49,573	60,573
For Development of Social Sciences	—	500	7,000
Home Counties	2,640	3,000	* —
	£282,640	£338,500	£416,000

* In 1948–49 the former Home Counties Grant was included in the Court Grant for General Purposes.

2. Capital

Grants made by the University Grants Committee :—	1947–48	1948–49
	£	£
Arrears of Maintenance	20,000	37,000
Temporary or Emergency Measures:		
Huts	15,200	7,330
Junior Chemistry Laboratory	4,200	
Temporary Furniture Store	1,000	2,000
Reconstruction of No. 17 Gordon Street		1,000
	(20,400)	(10,330)
New Construction and Equipment :		
Tunnel for Electric Supply Cables and Steam Heating Pipes	12,380	
Steam Lines from new Boilers	3,770	
Engineering Workshop Equipment	3,000	
Chemistry Crystallography Laboratory	1,000	2,500
Phonetics Sound-proof Room	1,400	1,200
Accommodation for Town Planning	2,050	
Animal House	1,000	2,900
Cloakroom, Laundry and Store-room for Refectory Staff and Cleaners	4,700	
Alterations and additions to Anatomy Department	1,000	
General Re-organisation of Electricity System		33,375
Chemistry Fume Extraction		3,800
Installation of new Boiler		2,500
Foster Court—Sound-proofing		5,200
Alterations and additions in various parts of the College, including Pharmacology and Botany Departments		8,650
Provision of new accommodation for Egyptology Collection		13,000
Installation of new Telephone Switchboard		7,200
Carried forward	70,700	127,655

	1947–48	1948–49
	£	£
Brought forward....	70,700	127,655
Establishment of Electronic Workshop.....		5,000
Provision of floor covering for Physics Laboratory and additional Chemistry Storage Cupboards....		2,200
Purchase and installation of new Incinerator		725
Additional cost of Refectory Equipment		6,900
Purchase of Office and Accounting Equipment and Furniture		2,000
Purchase of new Equipment for Anatomy, Biochemistry, Civil and Municipal Engineering, Electrical Engineering Workshop, Pharmacology, Phonetics, Photogrammetry, Statistics, Architecture, Fine Art, Psychology, Anthropology, Biometry and Zoology		37,670
	(30,300)	(134,820)
	£70,700	£182,150

APPENDIX VI

ASSEMBLY OF THE FACULTIES OF UNIVERSITY COLLEGE LONDON

1st July 1948

Chairman: Sir Robert Waley Cohen, K.B.E., M.A., Vice-Chairman of the College Committee.

Special Visitor: Professor John Macmurray, M.C., M.A.

REPORT OF THE PROVOST ON THE SESSION 1947–48

Mr. Chairman—

Last year I began my report to the Assembly of Faculties with the announcement of Lord Sankey's retirement from the Chairmanship of the University College Committee. To-day I have to report his death on the 6th February this year. Lord Sankey joined the College Committee and was elected Chairman in 1936. His term of office included a time of the greatest difficulty, covering as it did the evacuation of the College during the war, the death of the late Provost, and the beginning of the difficulties of post-war reconstruction. At these times his wise counsel was always at the service of the College and was of inestimable value in dealing with the major problems which arose. I had hoped to be able to announce to you to-day the name of Lord Sankey's successor in the Chairmanship. However, that must be for a later occasion. In the meanwhile, I should like publicly to express our deep sense of gratitude to Sir Robert Waley Cohen for his devoted service to the College as Vice-Chairman, in which position he desires to remain.

From the professoriate this year we have to say farewell to Professor Smiley, who retires from the Chair of Greek after twenty-three years at the College and will be widely missed. Another blow to the Faculty of Arts will be the resignation of Professor Ashmole in order to devote himself to full-time work at the British Museum, where his knowledge and experience are greatly needed for the rearrangement and supervision of the National Collections in Classical

Art and Archaeology. Professor G. T. R. Hill, also, is resigning from the Kennedy Chair of Mechanical Engineering in order to devote himself to professional work in the field of Aeronautics. Finally, Professor Vesey-FitzGerald's Chair of Oriental Law, which has hitherto been tenable jointly at this College and at the School of Oriental and African Studies, will, in future, be associated wholly with the work of the School. This, however, must not be allowed to mean a loosening of the ties between Professor Vesey-FitzGerald and his many friends at the College. From among our Readers, Dr. Leslie Young and Mr. M. L. Clarke will be leaving on promotion to Professorships elsewhere, the former to the Chair of Biochemistry at St. Thomas's Hospital and the latter to the Chair of Latin at the University College of North Wales, Bangor. Here I may interpose that during the last three years this College has provided the successful candidates for no less than thirteen Chairs in this country and elsewhere, in addition to the five members of our own staff who have been appointed Professors at University College.

Turning now to the new appointments, Professor Holford, who was actually appointed during last session as Sir Patrick Abercrombie's successor, joined us in October to take charge of the rapidly growing department of Town Planning. During the current session Mr. Gerrard has been appointed Professor of Sculpture in the Slade School and Dr. Humphreys has been appointed to the newly established Chair of Latin American History. Another Chair, newly established in the Department of Chemistry, has been filled by the appointment of Professor Hughes, a former student who returns to this College from a Chair at Bangor. To fill the vacancy caused by the retirement of Professor Smiley, Professor Webster comes to us from Manchester University and will be widely welcomed. Mr. Lloyd has been appointed as Reader in English Law and we look forward to welcoming Mr. Turner in October as our new Reader in Papyrology. Before leaving these matters concerning the Academic Staff I should like to express our deep regret at the illness of Professor Schwabe and our best wishes for his early recovery. We hope to see him back at the Slade School in October fully recovered.

In an organisation of the size of University College, which has to carry on its main function of teaching and research, involving some three thousand students and three hundred and fifty members of its Academic

Staff, and has at the same time—and indeed within the same boundaries—to rebuild itself, the problem of administration is a formidable one. At almost the same time last year we lost the services of our Secretary and our Accountant. Happily, Mr. Tanner was able to continue on a part-time basis and so to provide some overlap with his successor, Mr. Gueterbock. During the session we have made an overdue strengthening of the Administrative Staff by the appointment of a Bursar, who will take some part of the load from the Secretary in the field of building work, maintenance of the College premises, and responsibility for supplies of all kinds. I should like here to pay tribute to the way in which our administrative officers, without previous experience of the College organisation, have tackled the multitudinous problems which beset us and have steered the College through the financial and administrative mazes that have had to be negotiated.

At this time last year a contract was signed for the first stage of the permanent rebuilding programme of the College. For many months there seemed to be little but subterranean activity. During the last few weeks, however, we have been encouraged by the sight of undeniable scaffolding, arranged like a funeral pyre round the burnt-out skeleton of the Dome. By the end of this year we look to see the new Dome taking shape behind its screen of scaffolding, and this will be a symbol of our faith in the future of the College to everyone who enters the front Quadrangle. I should add that the new Dome, besides being a symbol, will also fulfil the essential, if more prosaic role of providing a roof for what will be at the very centre of College life: the Octagon and the Flaxman Gallery. There is already, too, a more homely sign of rehabilitation to all those coming from Gower Street. All will be grateful to the sympathetic skill with which Professor Corfiato has contrived to transform what might have been described as the slum dwellings that disfigured our gates into pleasing, if slightly comic, antiques.

From the end of this year, the Controller of Steel permitting, we shall see the parts of our main building north and south of the Dome once more taking shape as one of the architectural features of London. The work is planned so as to provide at the earliest possible date for some relief to the uncomfortable conditions under which some of our departments have been working. The Dome, as I have said, is planned for completion by the end of this year and the rest of the

centre block north and south of it by October 1950. To descend from the sublime to the humdrum, we have had twelve huts in full use during most of the session. A large one to provide essential accommodation for Chemistry—the last of the present series—is planned to be ready for next session. Of the other twelve, five provide kitchens, Refectory and Common Rooms for staff and students, three large and one smaller one help to accommodate the Physics Department, two are offices and a Common Room for the Administrative Staff, and one serves as a book-store for the Library. A year before the completion of the main building, that is by the end of next session, we hope to provide some relief for the Arts Faculty by the bringing into use of two repaired houses, Nos. 25 and 26 Gordon Square, which, with No. 24, will house the departments of History and Political Economy with their libraries, and probably one of the smaller departments of the Faculty in addition.

Relief to the Engineering Faculty has been provided this session by the completion of repairs to the Ramsay Memorial Laboratory and No. 19 Gordon Street. Here the Chemical Engineers are now re-established with twenty-two undergraduate and nine postgraduate students, after an uneasy sojourn with their Civil and Mechanical cousins.

A sign of returning dignity to College life has been the re-appearance of our Beadles in full uniform. Now, new uniforms mean clothing coupons, and for some obscure reason a Beadle, in the eyes of the Board of Trade, fails to qualify as a Commissionaire and therefore does not deserve a uniform. For months the wordy battle was waged. As the last shot in our locker it was suggested that, if the necessary coupons could be advanced as a loan, it would mean a contribution at the rate of only about one coupon from every six members of the College to repay the debt, and that such a collection would in due course be made. That touched the soft spot in some official heart and, by one of those quixotic acts which help to restore one's faith in the Civil Service, there arrived 500 coupons by return of post. Whether our debt to the Board of Trade has yet been liquidated I have not been so indiscreet as to enquire.

With the establishment of Refectory and Common Room accommodation in the South Quadrangle, arrangements for our programme of public lectures have had to be replanned and the College has been

indebted to Heads of departments in the Medical Faculty for taking a great part of the load in the provision of lecture theatres. The programme has included about forty visiting lecturers, twelve of them in the series of Special University Lectures, and our visitors have included representatives of some sixteen foreign universities, eleven in Europe and others ranging the world over, from Benares to California. In addition there have been about forty-five public lectures given by members of the College staff, either in the series of lunch-hour lectures or in a series organised by the Faculty of Laws on Current Legal Problems. One lecture in particular deserves special mention because of its leading position in the College celebrations of the Bicentenary of the Birth of Jeremy Bentham. Professor C. W. Everett of Columbia University, New York, lectured on June 8th on " The Constitutional Code of Jeremy Bentham ". A formidable title, perhaps, with which to inaugurate a celebration, but only those who had the pleasure of listening to Professor Everett can appreciate how stimulating and how delightful a discourse can be camouflaged by a title.

Intellectual exports seem to maintain a more satisfactory balance with imports than the gloomy figures for material exchanges which we read of in the daily press. Professor Davenport has, by special invitation, been spending an exchange year at Leyland Stanford University, California, Dr. Humphreys was a visiting Professor at the Summer School at Michigan University, and Dr. Buchanan has spent two terms at Canterbury College, New Zealand. Professor Ayer has been as a visitor to the Universities of Amsterdam and Zürich, Professor Haldane to Paris, Professor Černý to Brussels and Liège, and Professor Hart to the Universities of Delft, Liège and Utrecht. Professor Daniel Jones and members of his staff have lectured in the Universities of Copenhagen, Aarhus, Stockholm, and Budapest, and one member of the staff is abroad this term studying the various dialects of Greece. Dr. Smith, the Director of our department of Scandinavian Studies, has visited the Universities of Copenhagen, Oslo and Uppsala, and will go by special invitation to Iceland this summer. Professor Winton has been spending three months in Germany, at the request of the Foreign Office and the Medical Research Council, to investigate the conditions there for the progress of medical research and Dr. Schwarzenberger has been assisting in the provision of courses

in Law, also in Germany and under the auspices of the Foreign Office. Professor Forde and Dr. Jane have each been to Africa, the former to an International Conference in Portuguese Guinea and the latter to the Gold Coast to advise on forestry matters.

In every alternate session, under our statutes, the Senate may, on the recommendation of the College Committee, appoint former students to the Fellowship of the College and a small number of others to the Honorary Fellowship. During this session nine former students who have gained special distinction in Art, Science, Literature, or public life have been admitted to the Fellowship and, in addition, the distinguished connection with the College over many years of Sir Henry Dale, Professor A. V. Hill and Professor D. M. S. Watson was marked by their election to the Honorary Fellowship. Those elected to the Fellowship include four members of the present staff of the College, Dr. Eggleton, Professor Hart, Professor Renier and Professor Randolph Schwabe. Among those not so closely connected with the daily life of the College, Sir Stewart Duke-Elder and Mrs. Phillipa Martin need no introduction to anyone associated with the surgical world. General L. B. Nicholls was Chief Signals Officer to General Eisenhower at Supreme Headquarters of the Allied Expeditionary Forces. Mr. A. W. G. Randall is H.M. Ambassador in Denmark and Professor Karunaratne is Professor of Pathology in Ceylon and has represented that country at several important Dominion Conferences. I mention him last, only to add that he contrived to fly to this country and back again within a week in order to attend the admission ceremony on April 30th. This date, according to tradition, was the actual day of the laying of the Foundation Stone of the College in 1827. The annual Fellows' Dinner was held in College immediately following the admission ceremony. The toast of the College was proposed by Sir Arthur MacNalty and was drunk in the W. P. Ker and Rouse Ball loving cups.

Other annual events have been those when we have welcomed the Trustees and others connected with the Ramsay Memorial Fellowship Trust and also a more domestic occasion when the Headmaster, masters and monitors from University College School were my guests. At the Ramsay Dinner this year the toast of the evening was proposed by Sir James Irvine. The date of the dinner fell within the exciting two or three weeks, just fifty years ago, which had seen the discovery in

Ramsay's laboratory of the rare gases of the atmosphere, Krypton, Neon, Xenon; and the company after dinner was able to recapture something of the thrill of that time as we listened to Professor Travers, Ramsay's co-worker, give a ring-side commentary on those dramatic events as they occurred from day to day.

Reference has already been made to the celebrations of the Bicentenary of the Birth of Jeremy Bentham. These were not held on the actual birthday in February because it was learned that Professor Everett, Professor of English and Comparative Literature in Columbia University, would be in this country later in the year. It was desired to take the opportunity of having with us one so distinguished for his studies on the works of Bentham. As mentioned earlier, the proceedings were opened by Professor Everett's lecture. This was followed by a dinner to which all those known to be especially interested in Bentham were invited and in particular Monsieur Bernard Gagnebin, Keeper of Manuscripts in the University of Geneva, who has in his custody a quantity of the manuscript correspondence between Bentham and Monsieur Etienne Dumont, his first translator and chief author of his fame on the Continent. After dinner the company adjourned to the Staff Common Room, and was grouped around the figure of Jeremy Bentham, while listening to a most enjoyable and illuminating talk by Monsieur Gagnebin, speaking in French, about his work upon the manuscript correspondence. Appreciations of Monsieur Gagnebin's contribution to the evening were expressed by Professor de Beer and by Professor Savory, the President of the Huguenot Society. At the conclusion of the proceedings I was able, through the kindness of Mr. Digby Besant, to quote from an early biography. This biography, after reference to the seated figure of Bentham which we preserve, continues as follows :—" The old man . . . used to amuse himself with the vision of his presiding, as it were, in *propria persona* at future meetings of his disciples and even being wheeled to the top of the table on festive occasions. This work of art is now, we believe, in the possession of his faithful and accomplished disciple, Dr. Southwood Smith : but when he is gone, we doubt if anyone will be ambitious to give it houseroom . . . " . Not only has the old man found house room, but his clothes have been the object, maybe, of more care and attention than they ever received in his lifetime and now, two hundred years later, his amused vision

of himself presiding over a future meeting of his disciples has come true.

The plans of the Student Health Association have been actively taking shape during the session. Started three years ago as an insurance scheme to provide for doctors' and dentists' bills, and to provide a single medical examination for all students, it has been possible this year, thanks to the co-operation of University College Hospital, to provide the beginnings of a real Health Centre with a nurse in daily attendance and a medical officer for an hour a day. The radiographic survey, too, has been continued, thanks this year to the mobile unit provided by the London County Council, and twelve hundred and sixty-five persons were examined within one week. Lack of proper accommodation has been a serious handicap to the Health Centre and our thanks are due to those who have remained undeterred, though having to carry on in one small room, where three rooms might be regarded as a reasonable minimum. That the Centre fulfils a real need is shown by the use that has been made of it. There have been eighteen hundred and six attendances by students during the session, and as a result one hundred and fifty-nine were referred to the Hospital for further treatment and eleven were admitted to Hospital.

The part to be played by the Student Health Association after Monday next, July 5th, has not as yet been fully worked out. Its insurance aspect will become superfluous under the National Health Act, but it is the intention that the work of initiating and developing the Health Centre shall be continued. It has been a great encouragement to those concerned that the value of their pioneering work has been recognised by an unsolicited special grant of one thousand pounds from the University Court, with the proviso that the Health Centre should continue on a contributory basis.

Some solution of the accommodation problem for the Health Centre, as for almost every side of College life, is the daily concern of the Bursar, who is continually on the look-out for properties to be converted into students' hostels. Work has started on the conversion of two sets of houses into blocks of flats, the first of which may be ready for occupation by the staff next October and the second by the end of the year.

Within the College area, the Refectory accommodation has been greatly improved now that the Refectory huts are in full use. These provide seating accommodation for four hundred and fifty students,

in addition to about ninety places in the Staff Refectory, as compared with one hundred and eighty in the old Refectory under the portico. Schemes for the decoration of the new Refectory were invited from the Department of Decoration and, although it has not yet been possible to carry them out in full, it is hoped to complete them during the coming Long Vacation. Service in the Refectory during the year has been greatly assisted by the co-operation of student labour. Before leaving the subject of the Refectory, let me say how much we shall miss our Steward and wish her all success in the new post to which she is going, and in which she will be able to introduce in Cambridge something of the distinguished refectory tradition which we owe to her time at University College.

I wish I had more time to do justice to the student activities—sporting, forensic, musical and dramatic—of the past session. A full programme of Foundation Celebrations was successfully carried through at the end of the spring term, and the session has been a notably successful one in field sports and on the river. The College Association Football team won the University Cup and later defeated King's College in the Foundation Games. The First Eight on the river, after winning the Winter Eights in December, followed up the success by winning the Head of the River Race and the Allom Cup in the spring. The Women's Boat Club, also, have had a most successful session. Having won their Head of the River Race and beaten King's in the Foundation Games fixture, they have this month gained the Wyndham Fewing Cup by winning the Fours Race in the Women's Amateur Rowing Association Regatta. Another notable event has been the revival, for the first time since the war, of the College Athletic Sports on the University Ground at Motspur Park and the disinterment of the many fine Challenge Cups, the very existence of which was hitherto unknown to the present generation. Some fine running and jumping was witnessed, and in three events new records were established.

There is some progress to record in the facilities for games at Shenley. Another field had been released by the Agricultural Committee and is in process of being reconditioned, and some improvement in the amenities has been achieved by the two huts in use this term as a canteen and as dressing-rooms. There have been twenty-five tennis courts and one cricket pitch in use this term and there will be three hockey pitches in the autumn.

Field sports of all kinds for a College in the centre of London are supremely important, but they suffer under a heavy handicap. I am sure that I shall speak for all here if, in conclusion, I express the indebtedness of the College to all those, students and staff, whose initiative and energy has triumphed over major difficulties of transport and supplies to reach our present stage in the re-establishment of outdoor sports and athletics.

It now only remains for me to read the list of the principal scholarships, prizes and medals awarded to members of the College.

The Provost then announced the names of the chief Scholars, Medallists and Prizemen.

THE CHAIRMAN

Mr. Provost, Ladies and Gentlemen—

It is now my duty and great pleasure to introduce to you, as the phrase has it, Professor John Macmurray. That word must appear a more than usual anomaly on this occasion when we are having the very great pleasure of receiving as our Special Visitor Professor Macmurray, who for many years at this College was Professor of the Philosophy of Mind and Logic, and exerted his penetrating influence not only in the College but throughout the University and far and wide through the world. Having served in many capacities during the first World War, and then as Professor of Philosophy at the Witwatersrand University in Johannesburg, he used those opportunities to become closely acquainted with all sorts and conditions of men; and the infinite pains that, as Professor here, he took to give intimate and personal help to so many students, owe perhaps something not only to his remarkable qualities of mind and character but to his exceptional understanding of the feelings, ideas and conditions of life of what has come to be known as the common man.

When the disasters of war hit the College so severely in 1940 and 1941 it was he who started those lunch-hour lectures which have become a feature of College life, and which at that time served as one of the very few bonds of continuity in the intellectual life of the College itself.

For these and many other reasons we offer him a specially warm welcome here today, and look forward with perhaps exceptional eagerness to the address which I will now ask him to deliver.

PROFESSOR JOHN MACMURRAY'S ADDRESS

Mr. Chairman, Mr. Provost, Ladies and Gentlemen—

It is an honour of which any man would be sensible to be asked to come as Special Visitor to your Assembly of Faculties and to address you. But to me it brings a special pleasure. The greater part of my life as a University teacher was spent in University College London. Gower Street was my workshop : the plains of Bloomsbury my hunting-ground. I grew very proud of the " godless " College, as it was called by people who knew little enough of it, and perhaps less of the inner heart of religion. I dreamed wild dreams of its future. I shared its exile in the war and mourned among its ruins, where my own small library lay in ashes with so much else that was of greater value. In a small way I helped to plan the splendid resurrection that is yet to be accomplished, and that will be accomplished. All these years I knew myself an inconspicuous teacher among many distinguished colleagues; or if in any way conspicuous, only for certain vagaries and vehemences of opinion and behaviour. To be remembered after four years in another place, and being remembered, to be selected for this special favour, gives me great delight. To be welcomed back by friends and feasted almost as a member of the family has made me feel like the prodigal son returning from the far country. Of course I should reject the suggestion that the work I found for myself in the far country bore any resemblance to his. The parallel breaks down, as parallels do when one tries to make them meet. But the very breakdown brings to my mind a story that is told in Edinburgh of an illustrious predecessor of my own. His enthusiasm for his theme carried him beyond the end of the hour. He was deaf to the bell. The class shuffled and groaned. He stopped in distress, and they began to make for the door. He held up his hand to halt them and said, " Just a moment ! Allow me to cast one more pearl".

Some of you, when this ceremony is over, will bid farewell to the College to find your service to the community and perhaps your fortune and your fame elsewhere. Others of you will stay awhile. But whether you go or stay, all of you will always be proud of the College and the University to which you belong, and to which you owe a debt of gratitude. I should wish that your pride should be worthy of its object; and for that it must be both intelligent and critical. May I,

then, for a few moments speak to you about the University—about all universities and what they mean in the life of the country which they serve? It seems important to me that all its members—both graduates and undergraduates—should know this and know it truly. For it is the students of a university—not its teachers and officials—who set its standards, shape its character and make or mar its worthiness.

Our West-European civilisation rests upon three institutions—the Church, the University and the State. All three are persistent, characteristic and essential to our history, and if any of them fails us our whole way of life is brought into jeopardy. The State we owe to the Romans; the Church to the Hebrews; the University to the Greeks. Between them they enshrine our threefold heritage from these ancient civilisations. Of the three, the State is the weakest, because it rests upon power. It is the centre of struggle and war, of oppression and revolution. It is unstable and dangerous; kept in its place and held to its proper function with difficulty. The Church and the University are spiritual institutions. They guard the springs of civilisation; they embody the meaning of the good life. They give visible form and conscious definition to the secret aspirations of the human community. But the State has no meaning in itself. It is a means to ends beyond itself—to those ends which find their social expression in the University and the Church. This is no accidental matter; it is no state of affairs which we can alter if we please. It is established by the nature of our humanity; and if we play fast and loose with it we distort and bedevil human life and blindly engineer our own disaster. By its very nature as the centre of power, the State is a means for doing what has been decided; not for deciding what it is best to do. It is the custodian of the means of life; the keeper and refashioner of the techniques of our civilisation; the centre of organisation and administration; the housekeeper for the nation. In a word, the State is inherently technological.

If I seem to stress this unduly, it is because I believe that the gravest danger of our time lies in the growth of the technological mind. By this I mean, not the rapid development of technology—that is a good thing—but a sort of hypnotic concentration of attention upon technological problems and technological solutions. Under its influence we tend to imagine that all problems can be solved by finding the proper technique; that whenever things go wrong it is because we

have gone about them in the wrong way; that we only need a better plan or a better organisation or better instruments. This is a natural obsession for a society which is intoxicated with the triumphs of science, and the incredible increases of power which science has conferred upon it. But it is an obsession none the less. For it assumes that everything is possible if only we are clever enough. It presupposes that the world is dependent upon us, not we upon the world; that we have some divine right to have our own way and to get what we happen to want. There is no wisdom in this. The technological mind is unbalanced. Its focus is misplaced. The deepest problems of human life, and they are those which face our civilisation now, are not about means but about ends. We fail most lamentably, not by doing things the wrong way, but by doing the wrong things. When the technological mind pervades a community, then of necessity the State becomes predominant, and Church and University must become subordinate devices of its vast technology. Where this must lead, Germany has shown us.

In the nature of things the Church and the University are more important than the State. Of the three it is the University which is —for Europe—the oldest and most stable. It was the outcome of the life and death of Socrates in ancient Athens. It was his search for the knowledge which is virtue—the knowledge of oneself which is the knowledge of the Good—which led Plato to found the first University, the Academy at Athens. It was founded in the hope of saving Greek civilisation in a situation of peril astonishingly like our own, though on a smaller scale: when a group of independent states with a common heritage of culture were so conscious of their separate individualities and so jealous of their own independence and freedom that they could not unite for a common defence. The faith of Socrates, which the University enshrines, was this: There is a knowledge which if man could but find it would lead him to the good life; for if he possessed it, he could never err. That knowledge is one, for it is the unity of all knowledge, embracing every branch of human science; giving each its proper place and function in the whole and breathing into them the breath of life. This is still the faith by which the University lives. Not by teaching alone; not even by the search for knowledge in this field and that does the University perform its task of service to the community, but by devotion to Truth; by confidence in the unity of all knowledge; by its faith that through knowledge the

good life can be attained. Strangely enough, perhaps, it is not in Plato but in the New Testament that this faith found its clearest and simplest statement: "Ye shall know the truth and the truth shall make you free".

This, then, is how I would have you think of the College, by membership of which you are members of the University, whether you leave it now or stay within its walls. Like all institutions, the University is a servant. But it serves the community, not the State. It stands in creative tension with the Church on one hand and the State on the other, guarding jealously its own independence against the encroachments of either. Only so can it perform its true service to the nation. The University must be free if our civilisation is to live. Its primary allegiance must be to the Truth—to the whole truth, and to nothing but the truth. On this crucial issue there can be no compromise.

In the stresses and temptations of the present this is more than ever important. There is an increasing need for men and women highly trained in specialised departments of technical knowledge—for engineers and physicists, for doctors and teachers and economists, for technologists of all kinds. The government looks to the University to supply them, and is prepared to pay for their production. It is right and proper that the University should play its part in meeting this need. But there is a danger in it to the University and to the community: the danger that in performing this subordinate task the University should forget its primary duty or fail to perform it; the danger that the University should succumb to the technological obsession. I have met students who seemed to imagine that the University existed to provide them with the sort of technical training that would ensure them a lucrative employment. I have even known professors who seemed to glory in the narrowness of their own interests, and who taught their subjects rather than their students. If we fall victims to this spirit, teachers and students alike must miss the whole meaning of the University. The University is not a technological institute; it is not a polytechnic. The training of technicians is not, in itself, the task of the Universities. Other institutions—and they are honourable and valuable—can do this equally well and often better, since they can be more single-minded about it.

Why, then, has the community looked always to the University

to train its doctors, its lawyers, its theologians, and now its scientists? There is a reason, and a valid one, to which the University has always responded. Technical skill, in all its shapes, is power; and power is dangerous if it is not controlled by the vision of the Good. In a technological age nothing is more perilous than the pure expert—the man who doesn't know anything else. The dream of a society of pure experts is a horrid nightmare. The community has always sent its experts to the University for training in the hope that they would learn something else; that they would live for a time in a fellowship where they might learn not merely their own speciality, but its honoured though limited place in the unity of human wisdom; where they might see the vision of the good life, grow to be men of a broad and balanced humanity, and learn in humility to use their special gifts for the service of the common life.

So at the end of this session's work, when some of you go out to service in the wider world, and others to—I hope!—a well-earned holiday, I wish you well. And my sincerest wish for you is this: that you have found in University College, and will always hold fast, that vision of the one truth which is the knowledge of the Good. It is here to be found, but only by those who seek it. This is the justification of the College, as it is the greatest service that it can render to its sons and daughters. And the greatest service that they can give their College is to demand it; for such a demand has the power to create its own answer.

The Dean of the Faculty of Laws
(Professor G. W. Keeton, M.A., LL.D.)

Mr. Chairman, Mr. Provost, Ladies and Gentlemen—

It is our custom on the occasion of this Annual Assembly of Faculties to invite some distinguished thinker to put before us a few thoughts that we may take away with us and reflect upon in the Long Vacation which is now upon us. On this occasion, however, we have invited one who is not a visitor in any real sense, as our Chairman has said,

but who has been the valued colleague of many of us and the teacher of many others, and who, if I may say so, was one whose society was at all times eagerly sought in the Common Room when he was a member of it. When he left us for another University we felt a sense of very real loss.

We have it upon very high authority that the sweetest sight to a Scotsman is the high road to England, but on this occasion Professor Macmurray has taken the road back, and has therefore provided at least one exception to that generalisation. It would, I think, be quite presumptuous on my part to attempt to say anything to you this afternoon of Professor Macmurray's eminence as a philosopher, but it has always seemed to me there were two outstanding characteristics of his work in his own field which at any rate have impressed me. The first point which has struck me has been his intense interest in and important contributions to the problems of civilisation of our own time. That much, I think, has been generally recognised ; but what has seemed to me equally important in the work of Professor Macmurray is that on all occasions he has been able to express profound philosophic truths in language and words which were understandable by persons who were not philosophers. That has not always been a characteristic of those of his profession. I think you will agree that on this occasion he has said many stimulating and penetrating things, upon which we may have ample opportunity to reflect in the months now ahead.

Therefore on your behalf I would like to propose a very hearty vote of thanks to Professor Macmurray for coming here this afternoon.

The vote of thanks was seconded by the President of the Union (Mr. John Morris).

ASSEMBLY OF THE FACULTIES OF UNIVERSITY COLLEGE LONDON

30th June 1949

Chairman: Sir Robert Waley Cohen, K.B.E., M.A., Vice-Chairman of the College Committee.

Special Visitor: Mr. Robert Birley, M.A., F.S.A.

REPORT OF THE PROVOST ON THE SESSION 1948–49

Mr. Chairman—

Since the death of Lord Sankey the University College Committee has been without a Chairman. Our Vice-Chairman, Sir Robert Waley Cohen, while declining nomination to the Chairmanship, has acted in the meanwhile, and the College owes him a debt of gratitude for the time and care which he has devoted to its interests. To-day I am able to make an announcement which will be warmly welcomed. Lord Normand has accepted an invitation to be our new Chairman. Besides his eminence as one of His Majesty's Lords of Appeal in Ordinary, Lord Normand was Lord Justice General of Scotland and Lord President of the Court of Session. As an Honorary Fellow of Oriel College, Oxford, he will strengthen our many connections with that University. His connection with this College must remain an informal one until ratified by the Senate of the University but I hope that early next term we shall be able to welcome him in person. He very much regrets that his duties in the House of Lords preclude his and Lady Normand's being with us as our guests this afternoon.

The opening of the session was clouded by the death on September 19th of Randolph Schwabe who for 18 years had been the Slade Professor of Fine Art in the College. He had been ailing for six months or more but retained to the end both his faculties and his optimism about returning to the Slade which he so deeply loved. His gentle and kindly personality is greatly missed both in the Slade

School and in the College generally. A Service in his memory was held in St. Pancras Church at the opening of the new session.

From our list of Professors this year we have to say farewell upon their retirement to three who have been leading figures in the College for many years: Professor Daniel Jones, the father of Phonetics in this country, who has been in charge of the Department of Phonetics since 1907 and Professor of Phonetics since 1921; Professor Lovatt Evans, who came to the College as Sharpey Scholar in 1911, and after holding Chairs of Physiology at Leeds University and St. Bartholemew's Hospital, returned as Jodrell Professor of Physiology in 1926; and Professor Fawcett, who has been Head of the Department of Geography since 1928.

It is not very often, happily, that Professors at University College move to Chairs elsewhere; but this year we have, with mixed feelings, to congratulate Professor Jolowicz on his appointment by the King to the Regius Chair of Civil Law at Oxford, and Professor F. G. Young on his appointment to the Sir William Dunn Professorship of Biochemistry at Cambridge. From among our Readers, Dr. Bruce Pattison of the English Department was early in the session appointed to a Chair of Education at the Institute of Education; and, in January, Mr. Ingham Ashworth of the School of Architecture left us to go to Australia to fill the Chair of Architecture at the University of Sydney. Within the last few days I have learned that our Reader in Botany, Dr. Jane, has been appointed to the University Chair of Botany tenable at the Royal Holloway College. Two other retirements which I must mention particularly are those of Mr. Jeaffreson and Miss Parkinson. Mr. Jeaffreson, of the Department of French, joined the staff of the College in 1919, and Miss Parkinson has been at Professor Daniel Jones' right hand in the administration of the Department of Phonetics since 1920. Other losses from the non-academic staff are those of our Steward, Miss Wilson, who leaves us on the occasion of her marriage, and of Miss Cooper, who retires after 29 years' service on the administrative staff.

To balance these losses the session which is just over has seen notable accessions of strength, both in Arts and Science. In the Classical Departments we have been able to welcome Professor Webster from Manchester in the Chair of Greek, Professor Robertson in the Chair of Classical Art and Archaeology and Mr. Turner in the newly established

Readership in Papyrology. In the Arts Faculty, also, we are looking forward to welcoming next October Mr. Coldstream as the new Slade Professor of Fine Art and Professor Darby, who comes to us from Liverpool, as Professor Fawcetts' successor in the Chair of Geography. In Science and the Medical Sciences, Professor Hughes, who has returned to us from Bangor, has marked the event by his election, along with Professor F. G. Young, to the Fellowship of the Royal Society, and in October we look forward to seeing Dr. G. L. Brown, F.R.S., as Jodrell Professor in succession to Professor Lovatt Evans. In the grade of Readers, Dr. Lloyd Evans has been appointed to the Kennedy Chair of Mechanical Engineering, and Dr. D. B. Fry will in October become Head of the Department of Phonetics. In addition there have been three appointments to newly established Readerships, namely, Mr. King in Physics, Mr. Powell in Law and Mr. Freeman in Zoology.

The number of the Academic Staff has again increased this year. At the present moment it stands at some 410, of which number 60 are honorary appointments. The two elections to the Royal Society, already referred to, Professor Hughes and Professor Young, brings the number of Fellows of the Royal Society at present on the staff of this College up to the proud total of seventeen.

Among other distinctions conferred on Professors of the College since my last report, there have been several honorary degrees. Professor Neale has received the Honorary D.Litt. of the University of Wales; Professor D. M. S. Watson the Honorary D.Sc. of the same University and also of the Universities of Reading and Witwatersrand; Professor Sir Cyril Burt has received the Honorary D.Litt. of the University of Reading; Professor A. V. Hill has been awarded the Copley Medal of the Royal Society, and has added the Universities of Brussels and Toulouse to the long list of Universities from which he has received Honorary Degrees. The Cross of Chevalier of the Legion of Honour has been conferred upon Professor Andrade in recognition of his eminent scientific work in many different fields.

Our student population does not dwindle. We still have far more applicants in every department than it is possible to accept, for the College is full to overflowing with its present number of 3,350 students. The number of postgraduates has grown steadily each year since the war and has now reached the figure of 550, which is larger

than ever before and larger than the number of postgraduates in the whole University of Cambridge in 1939.

College inspections by the representatives of the University Senate, which had been in abeyance since before the war, were re-established in 1948 when the Faculties of Laws and Engineering were inspected. Those inspections have been followed this session by the inspection of the Faculties of Arts and Science, and the inspection next session of the Faculty of Medical Sciences will complete the first post-war inspection of the College.

As ever, our greatest problem is that of accommodation; and, just for the reason that permanent reconstruction is now in progress, our temporary embarrassment and discomfort is all the greater. You cannot reconstruct without some demolition, and that means that some badly needed present accommodation must be put temporarily out of use before the new buildings can be started. It is natural for any academic institution that is in a healthy condition to be short of space, but there is little satisfaction to be derived from such pedantic reflections for those who have to put up with the almost intolerable overcrowding which many departments suffer at present. However, if circumstances have made it impossible to get ahead with rehousing as speedily as we had hoped, there is real satisfaction to be derived from the large step that has been taken to provide for the future. With the help of the University and the University Grants Committee, the College has been able to acquire the freehold from the estate of the Duke of Bedford of almost all the remaining property which will complete the College rectangle. Apart from safeguarding our plans of long-term future development, I hope these acquisitions may afford earlier relief through the use of some of the houses, as they stand, for academic purposes when the leases fall in.

The first sense of relief may be expected with the re-occupation, even temporarily, of the central main building. Here the builders have now emerged from their subterranean activities and have shown themselves equally at home as tight-rope experts, now that the 120 tons of steel girders that lay about the Front Quadrangle have taken shape as the skeleton of our rebuilt Library. There was a stage when the daily process was like nothing so much as a game of spillikins played by giants during the night. Each morning the haphazard pile in the Quadrangle had been reduced by a stick or two, a mere 5 or 10 tons,

without disturbing the rest; yet one never seemed to see them actually on the move.

The completion of the Dome will mark a jubilee in its history. For it was in 1900 that the lantern on the summit was last disturbed by human activities: on that occasion without the aid of ladders and scaffolding. It was the day after the relief of the town of Mafeking after a six months' siege during the South African War. There was at that time no flagstaff on the College buildings and two Professors of the College, notable mountaineers, decided that something must be done about it. Having procured the largest flag that Messrs. Maple had ever seen and borrowed a pole from the Works Department, they proceeded to scale the outside of the Dome with their flag and their pole, and to erect their symbol of rejoicing. And that is the origin of our present flagstaff, now placed more conveniently over the portico. The facts I have direct from one of those concerned, who also sent his regrets at inability to be with us, as a living witness, this afternoon. As a demonstration of skill and daring among the ranks of the Professors I cannot withhold my admiration—but I must be careful not to put ideas into peoples' heads. And, in saying that, I am thinking not only of the Professors.

The part played by the College as a centre of international exchange in the academic sphere has been expanding at a rate which threatens to become embarrassing. Within a very full programme of public lectures more than a dozen were delivered by distinguished Professors from foreign Universities, including those of Lille, Louvain, Florence, Turin, Cologne, Delft, Poznan and Gothenburg in Europe and in the United States from those of California and Johns Hopkins.

It is very much to be hoped that visits by eminent American scholars to this country will be facilitated when the Fulbright Scheme is in working order. By the Fulbright Act passed in Congress in 1946, on the initiative of a former Rhodes Scholar, part of the funds released by the sale of surplus United States war material in this country will be devoted to bringing over scholars and research students from the United States to this country. It is contemplated also that assistance to our own scholars will be available for trans-Atlantic travel.

Lecture visits abroad have been paid this session by Professor Andrade to Copenhagen, Dr. Lonsdale to Universities in Scandinavia and Finland, Dr. Smith to Iceland, Professor Ingold and Dr. Schwarzenberger

to Madrid. Several members of the Phonetics Department have taken part in vacation courses at Universities abroad. Professor F. G. Young delivered the Jacobaeus Memorial Lecture at the University of Oslo and has lectured also at Copenhagen, Louvain and at medical centres and Universities in the United States. Professor J. Z. Young has also visited many Universities in America, including Yale, Harvard, Minneapolis, St. Louis, Chigaco and Johns Hopkins. Professor Ayer spent the first term of the session as Visiting Professor at New York University. Professor Sisson spent the second term at the University of North Carolina and also visited other Universities, including Johns Hopkins University, where he delivered the Turnbull Lectures; Professor D. M. S. Watson has spent the months of March and April at the University of Witwatersrand; Professor Holford has lectured at several Italian Universities and Professor Hart has visited the University Colleges of Nigeria and the Gold Coast. Mr. Smailes, of the Geography Department, has deputised for Professor Estyn Evans at Queen's University, Belfast. Mr. Jones, of the same department, has held a Rockefeller Institute Fellowship at Cornell University this session. Mr. C. A. Bunton of the Chemistry Department has held a Commonwealth Fund Fellowship at the University of Columbia. I am happy to be able to announce that two Commonwealth Fund Fellowships for next session have been awarded to members of the College, Mr. C. A. Rogers of the Mathematics Staff and Mr. R. E. D. Bishop, a postgraduate student in Engineering, and the Alfred Stengel Research Fellowship of the American College of Physicians has been awarded to Dr. J. C. Laidlaw of the Biochemistry Department. Other awards from outside the College are those of the Rome Scholarship in Mediaeval Studies given by the Faculty of Archaeology, History and Letters of the British School at Rome to Mr. Leslie Macfarlane of our History Department, and the Abbey Major Scholarship in Fine Art for study in Rome awarded to Mr. David Smith of the Slade School, who also wins the Knapping Prize awarded by the Royal Society of British Artists.

Lunch Hour Lectures have again been given regularly throughout the session. Professor Ayer has taken over the direction of them from Professor Keeton, to whom the College owes a debt of gratitude for all the work he has devoted to them since 1944 when he succeeded Professor Macmurray (our last year's Special Visitor) in the direction

of this series of lectures. It is perhaps of interest to recall that the Lunch Hour Lectures were first inaugurated in the war years in order to keep some thread of intellectual life alive in Gower Street while the College was evacuated.

One series of lectures deserves special mention this session. This College has been the centre of the London Celebrations of the Bicentenary of the Birth of Goethe. Six lectures held under the auspices of the British Goethe Festival Society, of which Professor Willoughby is the Secretary, filled to overflowing the largest theatre which the College could provide and the final lecture given by Dr. Thomas Mann had to be held in the Beveridge Hall at the Senate House, though even that proved to be not nearly large enough. Professor Willoughby himself has delivered the Goethe Bicentenary Lectures at Cambridge, Sheffield, Leeds and Bristol and will be present at the Celebrations in Frankfurt in August and in Toronto in the Autumn.

Turning now to the problem of residential accommodation for staff and students, I reported last year that work had started on the conversion of two sets of houses into blocks of flats to provide accommodation for the staff. Some of the flats at Nevern Square are already occupied and it is expected that 13 or 14 flats of the group in Hornton Street will be ready for occupation before the beginning of next session. On the student side the position is not satisfactory. It is a matter of much regret that the houses in Cartwright Gardens which, under the guidance of Dr. and Mrs. Harris, have provided so happily in recent years, in spite of some leaks in the roof and other discomforts, for nearly 50 women students, must now be evacuated and pulled down. Urgent negotiations are proceeding for the acquisition of four houses in the Paddington neighbourhood for development as our first men's hostel. This, however, will be no more than a first step towards achieving the long-term policy of the College, which aims at establishing hostels in our immediate neighbourhood with sufficient places for nearly a thousand students.

In 1955 the large building known as the Seamen's Hospital at the north-east corner of our College Rectangle should become available through the termination of the present lease to the Ministry of Pensions. And within a few hundred yards to the west of the College buildings there is a magnificent site for further development for students' residences and amenities if present plans mature.

Last year the Student Health Association was at a transitional stage owing to the coming into operation of the National Health Act. The Insurance side of its work has become superfluous, with the result that the medical fee has this session been reduced from two pounds to five shillings. This fee, together with the balance carried forward from the previous session, has enabled a Student Health Centre in the College to be carried on in a modest way with the active co-operation of University College Hospital. The Health Centre has provided emergency and diagnostic treatment supplementary to the National Health Service, including an X-ray examination for all staff as well as students on a voluntary basis. A medical officer has attended at the Health Centre daily for consultations and the nursing sister is available at all times. The total attendance during the session has been 3,232, of whom 1,462 have been new cases. Of the students seen, 401 have been referred to the Hospital and eight have been admitted to Hospital. In addition, 1,322 people were examined when the Mass Radiography Unit visited the College last autumn.

Next session considerable expansion of the Health Centre's activities is contemplated, including a domiciliary service for those living within the limit of distance, extension of the medical examination scheme and possibly the establishment of a dental and ophthalmic service. The gift last year of a thousand pounds from the University Court will enable this expansion to be financed during next session, and it is hoped that in a year's time a demonstration of the successful experimental working of a Student Health Centre will be held to justify its development on a more permanent basis.

The social life of the College, though still terribly handicapped by the lack of accommodation, continues to flourish. The number of student societies grows steadily larger. Time does not allow of my giving any general account of student activities, athletic and otherwise, so I will only mention that Foundation Week was celebrated in March with all the usual enthusiasm and multiplicity of interest, which culminated in the Foundation Oration delivered by Professor Oliphant, F.R.S. Annual functions such as the Fellows' Dinner, the Ramsay Memorial Fellowship Dinner and the University College School Dinner have taken place as usual and, in addition, two new and more informal series of functions have been successfully inaugurated. A small committee has organised dinner dances for the academic staff, which have been

greatly enjoyed; and, on three occasions during the session, dinners have been held in the Refectory with marked success, which comprised roughly equal numbers of staff and students. Attendance is entirely voluntary and everyone pays for themselves. Table arrangement is not so simple. Algebra provides a formula for calculating the number of possible permutations of three people, taken two at a time. Here it is much more complex, for there are two sexes, two age groups (staff and students) and five Faculties, and the problem is, not to achieve combinations, but avoidances, so that when taken two at a time there is never an association between similar sexes, similar age groups or similar Faculties. These evenings, which have been planned to promote the informal association of staff and students, have been generally voted a success and I hope they may become an established feature in the life of the College.

It now only remains for me to read the list of the principal scholarships, prizes and medals, awarded to members of the College.

The Provost then announced the names of the chief Scholars, Medallists and Prizemen.

THE CHAIRMAN

Mr. Provost, Ladies and Gentlemen—

It is my great pleasure now to introduce to you our Special Visitor, Mr. Robert Birley. His name will be well known to everyone here, not only on account of his distinguished headmastership of Charterhouse for twelve years, but also for the great work he has been doing in not merely planning but initiating the execution of the plans for the re-education of the German people. Not content with these great achievements, which would have more than satisfied the ambitions of most men, he has now undertaken the headmastership of Eton College where, as we all know, the Battle of Waterloo was won. There he will be called upon to guide this great Public School during the transition of the people of England from our happy past to our future, which is at least full of promises, some of which we all hope may be realised, and some of which some of us hope may be abandoned, in

the establishment of a new happiness for all. We shall doubtless hear from Mr. Birley some account of his fine achievements, and some thoughts, too, inspired by the great new tasks to which he is dedicating his life.

I will no longer stand between this great audience and the fine inspiration which I am sure is in store for it, and so I will now call upon Mr. Robert Birley to address this Assembly of Faculties of University College as our Special Visitor.

MR. ROBERT BIRLEY'S ADDRESS

Mr. Chairman, Mr. Provost, Ladies and Gentlemen—

I do not know for how many years University College has held an annual Assembly of Faculties, but I am quite sure that for as many years your Special Visitor has expressed his sense of the honour done to him by your inviting him to address you. And, no doubt, occasionally your Special Visitor has gone on to say that he recognised that it was a special privilege to be invited when he had no connection with London University or this College. I can only echo them—and then add one further note. For I feel very aware of my own peculiar position in addressing a College at a University. I have had, I think I may say, an unusual relationship to Universities. I have played the part, as it were, of both the upper and the nether millstone. As a schoolmaster I have prepared pupils to go to Universities; as a representative of the State I have, in an almost unprecedented way, been—well, shall I leave it by saying, an upper millstone? But, except as a student, I have never been one of the grains in between—and, of course, it is the grain that matters. You will understand, therefore, that when I say that I feel it an honour to address you, I do so with a heightened sense of that awe and astonishment which the consciousness of such a privilege has brought with it to all your Special Visitors.

I should like to take the opportunity to say something to you to-day on the subject of " General Education " at a University. In doing so I shall draw particularly on my experiences and the lessons I have learnt as Education Adviser to the Military Governor of the British Zone of Germany. But I do not want to speak only of Germany. The problem, with which I shall deal, is one which affects all the

Universities of our Western Cilivisation. I believe that the speculations and experiments in this field now going on in Germany are of interest and importance to Universities outside that country.

This problem has attracted of late years a great deal of attention. In different ways it has been treated in three recent books of great importance: Gasset's "Mission of the University", written in 1930, the Harvard Report on "General Education in a free Society", published four years ago, and a few weeks ago, our own English contribution, Sir Walter Moberly's "The Crisis in the University". Behind them, of course, there stand great figures of generations now past, Whitehead, Dilthey, Matthew Arnold and Newman. I shall not attempt to consider these books, nor do I feel at all competent to do so; but any of you who have studied them will appreciate how much I owe to them.

The demand for some kind of General Education at a University arises out of the widely held view that the education at Universities has become so narrowly specialised that the student goes out into the world exceedingly well trained but ignorant of much that he ought to know, and with little idea how his specialised knowledge can be made to fit into a coherent view of the Universe. Actually this view, which I have expressed so crudely, covers a large number of different criticisms of modern education. It is most usual to deplore that the Scientist or the Engineer too often knows little or nothing of Philosophy or Theology or History or Literature. In the educational world we are rather less often concerned that the student of the Humanities knows little or nothing of modern Science. But, if we accept Gasset's belief that the University should teach and transmit "Culture", defined as "the vital system of ideas of a period", we should have to allow that a student of Literature or History who had never studied any Science would not have come into very close touch with the "Culture" of to-day. To a good many people a General Education is thought of rather as a means of giving a student some idea of Sociology, or even of Current Events, by providing which the University should fulfil its duty to the world outside and so not send out men and women who have acquired a taste for luxurious suites in ivory towers. To some of these it represents a desperate effort to introduce some relevancy to the needs of a student's future career into an education almost wholly academic, while not letting it degenerate into mere vocational education;

like the Yorkshire parent who said to his son's Grammar School headmaster, "If you will pardon a Yorkshire vulgarism, I want my boy to learn some 'nous'". And, in the same way, a variety of solutions are propounded, which Sir Walter Moberly has conveniently classified as "Single Integrating Courses", "Broaden-based General Degree Courses", "Combined Honours Schools" and "Widened Professional Courses".

When we come to consider this question at all deeply, we find ourselves faced with certain very great practical difficulties, and these really are worth studying, as they serve to show us the true nature of the problem. If you will allow me to refer for a moment to my experience as a nether millstone, I have often felt, along with other headmasters, exasperation at the demand of the Universities, which we could only regard as justified, that the pupils from our schools should be more widely educated, when this is accompanied by a steady increase in the severity of the demand for specialised knowledge in a particular subject in scholarship examinations. My more recent experience, during the last two years, has led me to adopt a rather more tolerant attitude towards the Universities. They are, I can recognise, in the grip of forces stronger than themselves. They only pass on to the schools the imperious demands of society itself. The German Universities, which have, as a whole, gone a good deal further than the British in attempting to solve this problem, are finding that to secure a General Education for their students they must lengthen the ordinary course of study. It is doubtful whether society will bless them for keeping these young men and women even longer off the labour market.

The problem, in facts, exists because it reflects a very deep problem in our modern society. The demand for its solution arises from our dissatisfaction with that Society. Whether it can really be solved without altering more than the University curriculum, without, in fact, altering the nature of that society, is at least doubtful.

But if the difficulty of finding a solution to the problem of contradictory demands, a solution which may only seem possible if we allow more time to Education, is a daunting one, it is simple compared with the difficulty of discovering what this General Education should consist of. It is held that it should integrate studies at present quite out of touch with one another. The trouble is that these studies are so out of touch with one another just because there is no common Weltan-

schauung (the German word is extraordinarily convenient) in our society. As Sir Walter Moberly has said, " In existing conditions any ' agreed philosophy ' could only be an ' ideology ', that is a pattern imposed on the situation and not growing out of it or organically connected with it ". That is, no doubt, why most schemes for a General Education appear to be what they really are, a mere papering over the cracks. I cannot believe that this is going to have any significant effect on the minds of the new generation.

In Germany, General Education has been given a special name, that of " Studium Generale ". This is really a misnomer, though it is quite a useful one. The Studium Generale of the Middle Ages did not mean the study of a large number of different subjects : it meant essentially a place where students foregathered from many different lands. It is true that it eventually came to mean also an institution of higher learning where many subjects were studied, but it was never supposed that one student would study many of them. However, Education seems by some natural law continually to produce unscholarly titles. A University originally only meant a number of persons, although Doctor Johnson was to define it as " a school where all arts and faculties are taught ". High School in different languages means all kinds of different things and in Germany we have the delightful paradox that while a High School (Hochschule) means a University, a higher school (höhere Schule) means a Secondary School, by means of which you reach the High School. And we in England have contributed the classic title of " Public School ". So perhaps we need not quarrel with the German term.

In fact the mediaeval Studium Generale may teach us a good deal. To begin with, the Mediaeval University gave no General Education. It did not need to do so. It took for granted a previous common education for those who went to it, but that is quite another story. (In case it may be thought that I am hinting an approval of recent steps in this country to extend the range of a common education into the Sixth Form of Secondary Schools, I might add that in the Middle Ages the student normally went to the University at the age of fourteen to sixteen, and I feel sure that mediaeval educationists would have been astonished at the suggestion that a boy of fifteen was necessarily too young to begin to " specialise ".) In fact, one of the chief reasons for the first appearance of the University in Mediaeval Europe at all

was the demand for specialised education in Law in the eleventh and twelfth centuries in Italy. And I may add that no one castigated more severely the attempt to study many subjects, which often passed for General Education, than Cardinal Newman, to whose works the critics of the modern University so often, and so wisely, turn.

In April last year there was set up in the British Zone of Germany a Commission to inquire into the German Universities. Its report was published at the end of the year and an English version will be issued here very shortly. The Commission was a German body, representing the Universities, the Churches, and outside bodies such as the Trade Unions and the Co-operative Societies, with two foreigners, Lord Lindsay, the Master of Balliol College, and Professor von Salis of the Technische Hochschule, Zürich. I think it was the first time that a body of men and women representing Society as a whole has studied a problem in Germany. Its report, which was unanimous, is to my mind a document of very great educational interest and of considerable social importance. The introductory chapter of the Report is certainly one of the most searching studies I know of the German problem. I think that this is because it is something more; it is a study of the problem of the University in the Western World as a whole. But I am particularly concerned today with the chapter on the Studium Generale. I do not suggest that this chapter contains a solution of the problem (that, I think, is as yet impossible), and it very properly deals with the specific problems of German Universities, but I believe that it should be, along with the whole of the Report, of very great interest to those concerned with University problems in other countries. When, for instance, it states that " In our opinion, the mere institution of lectures for students from all faculties, which is an old-established custom, no longer satisfies present-day needs ", I feel that it deals adequately with the recent practice in my own University of Oxford of marking certain lectures in the lists with an asterisk as suitable for undergraduates from other Schools.

My own observations of German Universities and the many discussions I have had with German Professors and others have led me to certain tentative conclusions. First, I feel that the problem of finding the right kind of Studium Generale for Scientists and especially for Technicians is a great deal easier than for the students of the Humanities, and, as a student and teacher of a humane subject myself, I have an

uneasy feeling that this is because the education of the Scientist and the Engineer is itself often much nearer Gasset's ideal of the transmission of Culture. I cannot forbear referring in particular to the experiment instituted in the Technical University, which lies in the British Sector of Berlin. There, there has been instituted a new Faculty of Humanities, giving courses in various subjects, including History, Philosophy, Literature, Sociology, and Music. The student during his first year spends half his time studying a choice of subjects in this Faculty, half in the more general aspects of the special subject he will take later on. No one would deny that this new Faculty has a long way to go before it is firmly established. The last year in Berlin has been a difficult time for educational experiments. But what is, to my mind, really significant is the very great enthusiasm of the students for this plan, in spite of the fact that it entails an extra year's study at a time when they are most eager to get down to the business of earning their living. At any rate, I think the Technical University of Berlin found one very good answer to the Soviet Blockade of Berlin.

Secondly, I feel that experience in German Universities has shown that the Studium Generale must be made a regular part of the University course if it is to count for anything, and be given the prestige which only some form of examination can provide. I believe it is a general experience that voluntary lectures, as the Report of the Commission declared, cannot meet the need, though an occasional genius among teachers may provide some which seem to be an exception to the rule. And thirdly, it seems clear that it is useless to tackle the problem without considering also the question of the Secondary Schools. Here one conclusion seems to me inescapable. The longer continuation of the study of a number of different subjects in the schoolroom is often advocated in order to provide a General Education and to avoid premature specialisation. If this means that boys and girls, who are no longer interested in these subjects and want to spend most of their time on the one that really interests them, are kept too long at studies which seem to them irrelevant, it is no solution at all. The German Abitur is in this respect an awful warning.

But I feel that the most interesting developments may come from certain studies of the problem being undertaken in the Universities of the Rhineland and in the Ministry of Education of the Land of North Rhine/Westphalia. The basic idea here is that each Faculty should,

as it were, design its own Studium Generale. This means that each Faculty should consider afresh just what studies should be undertaken by someone reading, let us say, Law or Philosophy or Science, without necessarily confining itself to the special subject itself. If these speculations are carried out searchingly, I believe, not that a solution will be found to the problem, but that ways will be found which may eventually lead to a solution. In my own view—and here I should emphasise the fact that I speak only for myself—it should then be found, for instance, that a lawyer to be a good lawyer needs to know more than Law, and that the Professors of other Faculties will have to be called upon to help in designing the course which the student of Law should follow. Above all, this should bring together the Professors of different Faculties in a common task. In this way, I believe, something may be done to solve that problem of "communication" within a University, the importance of which Sir Walter Moberly so rightly stresses. We must, I think, all admit the truth of a remark made recently at a Conference on University Reform by Professor Litt of Bonn University, to my mind the most pregnant remark I have ever heard on the subject of a General Education; "Whether the Studium Generale is necessary for the students is a matter for discussion: what is quite irrefutable is that it is necessary for the Professors".

I have not been able, of course, to do more than merely touch on a subject of great complexity and great importance. The one thing my own experience in Germany has taught me is how much we have to learn from other countries. I have had no time to refer to the experiments and studies being made in France, Holland and elsewhere.

I do not think that we have gone very far in this country, except in one direction, but that is one of the very greatest importance. I do not believe that people in this country have any idea of the impression made abroad by the strength of the ideal of the corporate life in the British Universities. The word "College" is being incorporated as it stands or in Latin form into the vocabulary of German Education with a full consciousness of what it owes to its use in this country. One of the most interesting experiments in Germany is the Collegium Leibnitzianum at Tübingen, where students, taking the Studium Generale as a preliminary to their ordinary University Course, live together in one community. It is natural that attention should be

concentrated particularly on the older Universities of Oxford and Cambridge. But in this assembly we are not likely to forget that Colleges are not only to be found at Oxford and Cambridge, and I can assure you that German University teachers and students who have visited London and the Civic Universities since the war have been deeply impressed by the evidence of the possibility of a real corporate life in a University which is not residential. In fact, the closer similarity of these Universities to the German model makes the lessons they have to offer in some ways even more valuable. Here at least Newman can be called to our support with the famous passage that ends with the words, " It is seeing the world on a small field with little trouble; for the pupils or students come from very different places, and with widely different notions, and there is much to generalise, much to adjust, much to eliminate, there are inter-relations to be defined, and conventional rules to be established in the process, by which the whole assembly is moulded together, and gains one tone and one character ". The best form of Studium Generale, though it may not be enough by itself, is for the pupils of different faculties to meet together, not in discussion groups but as members of one community. The really dangerously narrow education comes when they only meet those who are studying the same subject as themselves, like the medical student I knew, who was working at anatomy, and who told me that he had fallen in love with one of his fellow students, and, when I asked him where he had met her, replied, " Well, we were sharing the same leg ".

" For the pupils or students come from very different places." " Studium Generale ", as I said, meant originally not a General Education but a place of learning where students came from many lands. All our talk of Western Union and of our common Western Civilisation lays on us the duty to look on our Universities as more than national possessions. It should be an immediate aim of the Universities of Western Europe, as their contribution to our common political and social aims, to do all they can to restore the mediaeval tradition that a student of one country should go freely and naturally to a University in another country. Those who are responsible for the organisation and the curriculum of a University should also be ready to draw on the experiences of those in other countries. The Commission of which I have spoken gained immensely from including one of the

most prominent figures in the British Universities and a leading Professor from Zürich, the University which, as Sir Henry Tizard said at the British Association last summer, has led the way in this subject of a General Education. Perhaps the Ministry of Education, when it next sets up a committee in this country, might consider making use in some such way of leading personalities from other countries. Its strong support for UNESCO and the exchange visits of Inspectors from Western European countries, which it has encouraged under the Brussels Convention, are enough, I believe, to prove that it would not find such an idea particularly shocking. Speaking for myself, I can say, at least, that my own experiences in Germany and what I have learnt through facing educational problems alongside men and women of that country will give me a new attitude to many problems which I shall meet when I return to England. I do not feel that this attitude will be based on irrelevant experiences and I am profoundly thankful that I was granted this opportunity to acquire them.

The Dean of the Faculty of Medical Sciences (Professor J. Z. Young, M.A., F.R.S.)

Mr. Chairman, Ladies and Gentlemen—

It is with very great pleasure, and indeed I may say with excitement, that we have all listened to Mr. Birley's address. I am quite sure he can set his mind at rest; he is certainly a most suitable person to speak on such matters, and it is most pleasant to find someone who can speak with such a close knowledge of all our problems and difficulties. It is most thrilling and stimulating to hear of these different ways of looking at our problems here in London.

Mr. Birley comes with experience of Universities as much destroyed as ours. I think, perhaps, it is not sufficiently realised what it is like to work in a place which has been so seriously damaged, although we in Medical Sciences are, of course, better off than so many in the College. I hope that when Mr. Birley comes to see us again we shall have something really good in the way of facilities to show him.

This sort of experiment that he speaks of is very close to our hearts. We perhaps hold a leading position compared with other Universities

in matters of educational experiment, and I feel that we have the will to organise new experiments, and to take to heart his words in connection with general education. It is most refreshing to find someone with appreciation of the difficulties of producing a good system of general education. Probably most of us here feel that the best way of overcoming these difficulties is by intensive study of one particular subject, which is one of the best forms of education that a man can have in providing an understanding of the difficulties and uncertainties involved in any human activity, especially when words are involved. I think this is the point of view of most of the Faculties at University College, and most of us feel very strongly that this method of education, though not perhaps perfect, still has very great possibilities. I hope that students here present will feel that our efforts of teaching by this way have not been in vain. I feel also that in Mr. Birley's future career there is a point of contact with our own attitude, particularly in this, that we believe unashamedly that our business is to try to do the best we can to aim only at the highest in every aspect of education, and in this perhaps we resemble the famous institution to which Mr. Birley is going next term. To-day there are many influences at work that make it necessary to accept mediocrity and sometimes even to further it. University College has never agreed with that point of view; we feel that our business is only with the best.

On behalf of the Faculties of University College London, I wish now to thank Mr. Birley for his excellent address and to extend our very best wishes to him and Mrs. Birley for their future happiness.

The Vote of Thanks was seconded by the President of the Union (Mr. F. C. Gee).

APPENDIX VII

LIST OF ORIGINAL PAPERS AND OTHER PUBLICATIONS FROM THE VARIOUS DEPARTMENTS OF THE COLLEGE, 1ST JANUARY 1948 TO 30TH SEPTEMBER 1949, WITH SOME EARLIER PAPERS NOT PREVIOUSLY MENTIONED IN THE ANNUAL REPORT.

FACULTY OF ARTS

Anthropology (Professor Daryll Forde)

BARNICOT, N. A.

(1) The local action of Calciferol and Vitamin A on bone. *Nature*, 162 (Nov. 1948).

(2) The local action of the parathyroid and other tissues on bone in intracerebral grafts. *J. Anat. Lond.*, 82 (1948), 233–48.

(3) Physical Anthropology (Recent Advances). *Science Progress*, 144 (1948), 702–7.

(4) Physical Anthropology (Recent Advances). *Ibid.*, 145 (1949), 117–24.

Archaeology (Professor B. Ashmole, 1947–48; Professor C. M. Robertson, 1948–49)

ASHMOLE, B.

(1) Kalligeneia and Hieros Arotos. *Journal of Hellenic Studies*, 66.

ROBERTSON, C. M.

(2) Excavations in Ithaca, V: The Geometric and later finds from Aetos. *Annual of the British School at Athens*, 43.

(3) A Lost Cup by Douris. *Journal of Hellenic Studies*, 66.

(4) *Why Study Greek Art?* Inaugural Lecture, London. H. K. Lewis, 1949.

Architecture (Professor H. O. Corfiato)

CORFIATO, H. O.

(1) *Evolution in Architecture.* Inaugural Lecture, London. H. K. Lewis, 1948.

(2) The Study of the Orders. *The Builder* (27 May 1949).

(3) The Need for Scholarship in Architecture. *Ibid.* (5 Aug. 1949).

(4) *A Survey of Modern Architecture in Gt. Britain.* Central Office of Information. (Translated into French and Spanish and distributed by the British Council.)

FOYLE, A. M.

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(6) Nigeria's Development Plan. *Fortnightly Review* (Jul. 1949).

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APPENDIX VIII

HONORARY FELLOWS OF UNIVERSITY COLLEGE LONDON

THE YEAR OF CONFERMENT OF THE TITLE IS GIVEN IN BRACKETS

DALE, Sir Henry Hallett, O.M., G.B.E., M.A., M.D., F.R.C.P., F.R.S., Chairman of The Wellcome Trust; formerly President of the Royal Society. [1948].

HILL, Archibald Vivian, C.H., O.B.E., M.A., Sc.D., LL.D., D.Sc., M.D., F.R.S., Foulerton Research Professor of the Royal Society and Professor of Physiology (Biophysics Research Unit), University College London. [1948].

KENNET of the DENE, The Rt. Hon. Lord, P.C., G.B.E., D.S.O., D.S.C., M.A., D.C.L. [1932].

PYE, David Randall, C.B., M.A., Sc.D., F.R.S., Provost of University College London. [1946].

WATSON, David Meredith Seares, LL.D., D.Sc., F.R.S., Jodrell Professor of Zoology and Comparative Anatomy, University College London. [1948].

APPENDIX IX

FELLOWS OF UNIVERSITY COLLEGE LONDON

THE YEAR OF ELECTION TO FELLOWSHIP IS GIVEN IN BRACKETS

* Denotes a former pupil of University College School

A complete list of the Fellows of the College, from 1843 to 1930, is published in the Calendar for 1931–32, pp. lxvii–lxxxi.

ALLEN, T. W., M.A., F.B.A., Fellow and Senior Tutor, The Queen's College, Oxford. [1886].

ANDRADE, Edward Neville da Costa, D.Sc., Ph.D., F.R.S., Quain Professor of Physics, University College London ; formerly Professor of Physics, Artillery College, Woolwich. [1916].

ANREP, Gleb, M.A., D.Sc., M.D., F.R.S., Professor of Physiology, University of Cairo; sometime Senior Assistant, Department of Physiology, University College London, and Lecturer in Physiology, University of Cambridge. [1928].

ARBER, Agnes (*née* Robertson), M.A., D.Sc., F.L.S., F.R.S., formerly Lecturer in Botany, University College London. [1906].

BARLOW, Harold Everard Monteagle, B.Sc.(Eng.), Ph.D., M.I.E.E., A.M.I.Mech.E., Professor of Electrical Engineering, University College London; Member of University College Committee. [1946].

BARRINGTON, Frederick James Fitzmaurice, M.S., F.R.C.S., formerly Surgical Registrar and House Surgeon, University College Hospital. [1920].

BASSETT, Henry, D.Sc., Ph.D., D.-ès-Sc., Director of Research and Development, Peter Spence & Sons, Ltd., Widnes, Lancs; formerly Professor of Chemistry, University of Reading. [1912].

BATHO, Edith Clara, M.A., D.Lit., Principal, Royal Holloway College, University of London; formerly Reader in English Literature, University College London; sometime Quain Student and Senior Lecturer in English. [1934].

BAYNES, Norman Hepburn, M.A., D.Litt., Litt.D., D.D., F.B.A., F.S.A., Professor Emeritus of Byzantine History, University College London; formerly Reader in History of the Roman Empire and Director of the Evening School of History. [1936].

BELLOT, Hugh Hale, M.A., Commonwealth Fund Professor of American History, University College London, and Historian of the College; formerly Reader in Modern History, Victoria University of Manchester; Member of the Senate of the University of London. [1932].

BESANT, Arthur Digby, B.A., Past Pres. I.A., formerly General Manager and Actuary, Clerical, Medical and General Life Assurance Society; Member of University College Committee. [1924].

BHATNAGAR, Sir Shanti Swarupta, O.B.E., D.Sc., F.R.S., Director of Scientific and Industrial Research, Government of India; formerly Professor of Chemistry and Director, University Chemistry Laboratory, University of the Punjab. [1946].

BLACKMAN, Elsie [*née* Chick], M.A., formerly Senior Lecturer in English, University College London; sometime Quain Student in English. [1918].

BRENCHLEY, Winifred Elsie, O.B.E., D.Sc., F.L.S., Head of Botanical Department, Rothamsted Experimental Station. [1914].

BUCHANAN, Anna Maud, M.A. [1884].

CARTER, James Thornton, F.Z.S., formerly Honorary Research Assistant in Histology, University College London. [1926].

CHANNON, Harold John, C.M.G., D.Sc., Director of Technical Division, Unilever, Ltd.; formerly Professor of Biochemistry, University of Liverpool, and Biochemist in the Department of Experimental Pathology and Cancer Research, University of Leeds. [1932].

CHAPMAN, Hugh Wallis, B.Sc. [1906].

CHENG, Tien-Hsi, LL.D., Chinese Ambassador to Great Britain; Member of the Permanent Court of International Justice, The Hague. [1938].

CHICK, Harriette, D.B.E., D.Sc., Lecturer in Experimental Pathology, Lister Institute; sometime Member of University College Committee. [1918].

CHUBB, Gilbert Charles, M.B., B.S., D.Sc., F.R.C.S., Surgeon-in-Charge, Ear and Throat Department, Westminster Hospital; Assistant Professor of Zoology, University College London. [1908].

CLARKE, Hans Thacher, D.Sc., Professor of Biochemistry, University of Columbia; formerly Head Organic Chemist to American Kodak Company. [1916].

COLLINSON, William Edward, M.A., Ph.D., Professor of German, University of Liverpool; Member, University Grants Committee. [1916].

COWELL, Major-General Sir Ernest Marshall, K.B.E., C.B., D.S.O., T.D., M.D., F.R.C.S., Honorary Surgeon to H.M. the King; Honorary Colonel, Territorial Army; Principal Medical Officer, Control Commission for Germany; formerly Director of Medical Services, Allied Forces, N. Africa; sometime Resident Medical Officer, University College Hospital. [1918].

CRIPPS, The Rt. Hon. Sir Richard Stafford, P.C., K.C., M.P., LL.D., D.C.L., F.R.S., Chancellor of the Exchequer and Minister for Economic Affairs; formerly President of the Board of Trade and Minister of Aircraft Production; sometime Lord Privy Seal, British Ambassador to U.S.S.R.; Solicitor-General and Lord Rector of the University of Aberdeen. [1930].

DONKIN, Sidney Bryan, M.Inst.C.E., M.I.Mech.E., M.I.E.E., M.Cons.E., Senior Partner, Messrs. Kennedy & Donkin, Consulting Engineers; Past President, Institution of Civil Engineers. [1946].

DONNAN, Frederick George, C.B.E., M.A., LL.D., Ph.D., D.Sc., F.R.S., Professor Emeritus of Chemistry, University College London; formerly Director of the Chemical Laboratories, University College London; sometime Professor of Physical Chemistry and Director of the Muspratt Laboratory of Physical and Electro-Chemistry, University of Liverpool. [1936].

DUKE-ELDER, Sir Stewart, K.C.V.O., M.A., D.Sc., Ph.D., M.D., F.R.C.S., Surgeon Oculist to H.M. the King. [1948].

EASON, Sir Herbert Lightfoot, C.B., C.M.G., M.D., M.S., F.R.C.S., President of the General Medical Council; formerly Principal of the University of London; sometime Vice-Chancellor of the University. [1938]. [*Died on 2nd November 1949*].

EGERTON, Sir Alfred Charles Glyn, M.A., D.Sc., F.R.S., Professor of Chemical Technology, Imperial College of Science; Secretary to the Royal Society; formerly Reader in Thermodynamics, University of Oxford. [1928].

EGGLETON, Marion Grace, D.Sc., M.R.C.S., L.R.C.P., Senior Lecturer in Physiology, University College London. [1948].

ELDERTON, Ethel Mary, D.Sc., formerly Hon. Research Associate in Statistics; sometime Reader in Social Statistics, Reader in Eugenics, and Galton Research Fellow, University College London. [1920].

EVANS, Benjamin Ifor, M.A., D.Lit., Principal of Queen Mary College, London; formerly Professor of English Language and Literature, Queen Mary College, London; sometime Professor of English, University College, Southampton, and Professor of English Literature, University of Sheffield. [1934].

EVANS, Charles Arthur Lovatt, LL.D., D.Sc., F.R.C.P., M.R.C.S., F.R.S., Jodrell Professor of Physiology, University College London; sometime Professor of Physiology, University of Leeds, and Professor of Physiology, St. Bartholomew's Hospital Medical College. [1918].

FORDE, Cyril Daryll, Ph.D., Professor of Anthropology, University College London. [1946].

FRASER, Elizabeth Alice, D.Sc., Hon. Research Associate, Department of Zoology, University College London; formerly Reader in Zoology, University College London. [1924].

GARDHAM, Arthur John, M.B., M.S., F.R.C.S., L.R.C.P., Surgeon, University College Hospital; formerly Hunterian Professor of the Royal College of Surgeons. [1946].

GARNER, William Edward, C.B.E., D.Sc., F.R.S., Leverhulme Professor of Physical Chemistry, University of Bristol; formerly Reader in Physical Chemistry, University College London. [1930].

GASKELL, Surgeon Vice-Admiral Sir Arthur, K.C.B., O.B.E. F.R.C.S., Hon. Surgeon to H.M. the King; formerly Medical Director-General of the Navy. [1928].

GIBB, Sir Alexander, G.B.E., C.B., LL.D., F.R.S.E., F.R.S., Senior Member of the Firm of Sir Alexander Gibb & Partners, Consulting Civil Engineers; Past President of the Institutions of Civil Engineers and Chemical Engineers; Member of the College Committee. [1920].

GINSBERG, Morris, M.A., D.Lit., Martin White Professor of Sociology, London School of Economics; formerly Assistant and Lecturer in the Department of Philosophy and Psychology, University College London. [1926].

GOODEVE, Sir Charles Frederick, O.B.E., D.Sc., F.R.S., Director, British Iron and Steel Research Association; formerly Reader in Chemistry, University College London. [1946].

GOODYEAR, Edith, B.Sc., formerly Tutor to Women Students, University College London; sometime Senior Assistant and Hon. Lecturer, Department of Geology. [1946].

GRATTAN, John Henry Grafton, B.A., Professor Emeritus and formerly Baines Professor of English Language and Philology, University of Liverpool; sometime Reader in English and Germanic Philology, University College London. [1928].

GRAY, Sir Archibald Montague Henry, C.B.E., M.D., F.R.C.P., F.R.C.S., Consulting Physician, University College Hospital; sometime Dean of University College Hospital Medical School; Member of the Senate of the University of London. [1908].

HAAS, Paul, Ph.D., D.Sc., formerly Reader in Plant Chemistry, University College London, and Lecturer in Physics and Chemistry Royal Botanical Gardens, Kew. [1928].

HALL, George, C.M.G., M.D., B.Sc., F.R.C.P., Consulting Physician, Royal Victoria Infirmary, Newcastle-upon-Tyne. [1912].

HARMER, Sir Sidney Frederic, K.B.E., Sc.D., M.A., F.R.S., Hon. Fellow of King's College, Cambridge; formerly Director, Natural History Museum; sometime President of the Linnean Society. [1894].

HARRIS, Henry Albert, M.A., M.D., D.Sc., M.R.C.S., M.R.C.P., Professor of Anatomy and Fellow of St. John's College, University of Cambridge; formerly Professor of Clinical Anatomy, University College London and University College Hospital Medical School; sometime Hunterian Professor of the Royal College of Surgeons. [1932].

HART, Bernard, C.B.E., M.D., F.R.C.P., Consulting Physician in Psychological Medicine, University College Hospital and in Psychiatry, National Hospital, Queen Square, London. [1914].

HART, Cecil Augustus, T.D., M.Sc.(Eng.), Ph.D., M.I.C.E., F.R.I.C.S., A.M.I.Struct.E., Professor of Surveying and Photogrammetry, University College London. [1948].

HAWKSLEY, John Callis, C.B.E., M.D., Ph.D., F.R.C.P., M.R.C.S., Dean of University College Hospital Medical School; Physician, University College Hospital, and St. Peter's Hospital for Stone. [1946].

HEATH, Philip Maynard, M.B., M.S., F.R.C.S., Consulting Surgeon, Metropolitan and Gordon Hospitals and Evelina Hospital for Sick Children; formerly Surgical Registrar, University College Hospital. [1908].

HERON, David, M.A., D.Sc., President, Royal Statistical Society; formerly Assistant Director, Galton Laboratory, University College London; Member of the Senate of the University of London; Member of University College Committee and Treasurer. [1918].

HEYROVSKY, Jaroslav, Ph.D., D.Sc., Professor of Physical Chemistry, Charles University of Prague. [1926].

HILL, Elizabeth Mary, B.A., Ph.D., Professor of Slavonic Studies in the University of Cambridge; formerly Chief Slavonic Specialist, Ministry of Information. [1946].

HILL, Geoffrey Terence Roland, M.C., M.Sc.(Eng.), M.I.Mech.E., F.R.Ae.S., Inventor of Pterodactyl Aeroplane; formerly Kennedy Professor of Mechanical Engineering, University College London. [1930].

HILL, Sir Leonard Erskine, LL.D., M.B., M.R.C.S., F.R.S., Director of Research, St. John Clinic and Institute of Physical Medicine; formerly Director of Department of Applied Physiology, National Institute of Medical Research, Mount Vernon, Hampstead. [1924].

HILL, Sir Roderic Maxwell, K.C.B., M.C., A.F.C., M.A., Rector, Imperial College of Science and Technology, London, Air Chief-Marshal, R.A.F.; formerly: Principal Air Aide-de-Camp to H.M. the King, Member of Air Council for Technical Services, Director of Technical Development, Air Ministry, Head of the Experimental Flying Department of the Royal Aircraft Establishment, A.O.C.in-C., R.A.F. Fighter Command, Air Aide-de-Camp to H.M. King George V. [1924].

HILTON, Elfrida Lilian Gwendolen (*née* Hill), B.Sc., M.B., B.S., D.M.R.E., F.F.R., Honorary Radiotherapist, University College Hospital. [1946].

HIMSWORTH, Harold Percival, M.D., F.R.C.P., Secretary of the Medical Research Council; formerly Professor of Medicine and Director of the Medical Unit, University College Hospital Medical School; formerly Member of University College Committee. [1936].

HORTON, Robert Lister, M.B., M.S., F.R.C.S., L.R.C.P., formerly House Surgeon, House Physician and Surgical Registrar, University College Hospital. [1924].

HSU, His Excellency Un Yuen, Jevons Memorial Scholar, 1910–1912; Councillor of the Cabinet of the Republic of China and Member of the President's Financial Council. [1918].

INCE, Sir Godfrey Herbert, K.C.B., K.B.E., B.Sc., Permanent Secretary, Ministry of Labour and National Service. [1946].

JAMES, Rev. Edwin Oliver, M.A., D.Litt., Ph.D., D.D., Professor of History and Philosophy of Religion, University of London. [1946].*

JEAFFRESON, John Walter, M.A., Senior Lecturer in French, University College London. [1928].

JEFFERY, George Barker, M.A., D.Sc., F.R.S., Director, Institute of Education, University of London; formerly Astor Professor of Mathematics, University College London; sometime Reader in Applied Mathematics, University College London, and Professor of Mathematics, King's College, London; Member of the Senate of the University of London. [1916].

JOHN, Augustus Edwin, O.M., R.A., LL.D., President of the Society of Mural Painters; formerly President of the National Portrait Society and of the Royal Academy of Wales. [1920].

KARUNARATNE, William Arthur Edward, O.B.E., M.B., B.S., M.D., Professor of Pathology and Dean of the Faculty, Ceylon Medical College. [1948].

KEEN, Bernard Augustus, D.Sc., F.R.S., Director, East African Agricultural and Forestry Research Organization; formerly Assistant Director and Head of Soil Physics Department, Rothamsted Experimental Station and Director, Imperial Agricultural Research Institute, India. [1924].

KEYNES, John Neville, M.A., Sc.D., Registrary Emeritus, University of Cambridge; Hon. Fellow of Pembroke College, Cambridge. [1876]. **(Senior Fellow).** [*Died on 15th November 1949*].

LAYTON of DANEHILL, The Rt. Hon. Lord, C.H., C.B.E., M.A., LL.D., formerly Member of University College Committee; Fellow of Gonville and Caius College, Cambridge; sometime Editor of the *Economist*, and Newmarch Lecturer in Statistics, University College London. [1912].

LEVY, Alfred Goodman, M.D., M.R.C.P., M.R.C.S., formerly Pathologist, London Temperance Hospital; Consulting Physician, City of London Hospital for Diseases of the Chest. [1926].

LEWENZ, Marie Adela, M.A. [1904].

LUDFORD, Reginald James, Ph.D., D.Sc., Hon. Lecturer in Cytology, University College London. [1936].

MACDONALD, Louisa, M.A., formerly Principal, Women's College, University of Sydney. [1888]. [*Died on 28th November 1949*].

MACGREGOR-MORRIS, John Turner, D.Sc.(Eng.), M.I.E.E., Professor Emeritus of Electrical Engineering, Queen Mary College; Hon. Research Associate, University College London. [1932].

MACNALTY, Sir Arthur Salusbury, K.C.B., M.A., M.D., D.P.H., F.R.C.P., F.R.C.S., Hon. Physician to H.M. the King; Editor-in-Chief for Official Medical History of the 1939-45 war; formerly Chief Medical Officer, Ministry of Education and Ministry of Health. [1936].

MALLETT, Edward, D.Sc.(Eng.), M.Inst.C.E., M.I.E.E., F.Inst.P., Principal of the Woolwich Polytechnic Institute; formerly Reader in Electrical Engineering, City and Guilds (Engineering) College, London. [1934].

MARRIAN, Guy Frederic, D.Sc., F.R.I.C., F.R.S., Professor of Chemistry in Relation to Medicine, University of Edinburgh; formerly Professor of Biochemistry, University of Toronto. [1946].

MARTIN, Edward Kenneth, M.B., M.S., F.R.C.S., Surgeon to University College Hospital; Member of University College Committee; formerly Demonstrator in Anatomy, University College London. [1918].

MARTIN, Philippa Parry [*née* Pughe], M.S., F.R.C.S., Ophthalmic Surgeon; formerly Hunterian Professor, Royal College of Surgeons. [1948].

MASSON, James Irvine Orme, M.B.E., LL.D., D.Sc., F.R.S., Vice-Chancellor, University of Sheffield; formerly Professor of Chemistry and Director of the Science Department, University of Durham; sometime Reader in Inorganic Chemistry, University College London. [1924].

METCALFE, Edward Parr, D.Sc., Principal, Central College, Bangalore, and University Professor of Physics, University of Mysore, India. [1922].

MICKLEM, Nathaniel, M.A., LL.B., B.C.L., K.C., formerly Member of Senate, University of London; sometime Treasurer of Lincoln's Inn. [1882].

MOUNT-EDGCUMBE, The Rt. Hon. the Earl of, T.D., M.Inst.C.E., M.I.E.E., Past President of the Institution of Electrical Engineers. [1930].

MURRAY, Margaret Alice, D.Lit., F.S.A.(Scot.), F.R.A.I., formerly Assistant Professor of Egyptology, University College London. [1922].

NABARRO, David Nunes, M.D., B.Sc., D.P.H., F.R.C.P., Pathologist in the Emergency Medical Service; formerly Director of the Pathological Department and Bacteriologist, Hospital for Sick Children, Great Ormond Street; sometime Assistant Professor of Pathology, University College Hospital Medical School. [1898].

NEALE, John Ernest, M.A., D.Litt., F.B.A., Astor Professor of English History, University College London; formerly Professor of Modern History, Victoria University of Manchester. [1932].

NICHOLLS, Major-General Leslie Burtonshaw, C.B., C.B.E., A.M.I.E.E., Director of Cable & Wireless Ltd.; formerly Chief Signals Officer at Supreme Headquarters, Allied Expeditionary Force. [1948].

NORMAN, Frederick, O.B.E., M.A., Professor of German, King's College London; formerly Reader in German, University and King's Colleges, London; Member of the Senate of the University of London. [1936].

O'DONOGHUE, Charles Henry, D.Sc., F.Z.S., F.R.S.E., Professor of Zoology, University of Reading; formerly Reader in Zoology, University of Edinburgh, and Professor of Zoology, University of Manitoba; sometime Senior Assistant in Zoology and Comparative Anatomy, University College London. [1914].

OFFOR, Richard, B.A., Ph.D., Emeritus Librarian of the University of Leeds; Library Adviser to Inter-University Council for Higher Education in the Colonies. [1946].

OLIVER, Francis Wall, M.A., LL.D., D.Sc., F.R.S., Professor Emeritus of Botany, University College London; formerly Professor of Botany, University of Cairo; sometime Quain Professor of Botany, University College London. [1886].

PAGE, Harold James, M.B.E., B.Sc., F.R.I.C., F.I.R.I., Principal, Imperial College of Tropical Agriculture, Trinidad; formerly Director of the Rubber Research Institute of Malaya; sometime Head of the Imperial Chemical Industries Experimental Station for Agricultural Research, and Chief Chemist and Head of the Chemical Department, Rothamsted Experimental Station. [1934].

PARIS, Edward Talbot, C.B., D.Sc., Deputy Director of Scientific Research, War Office. [1918].

PARKES, Alan Sterling, M.A., D.Sc., Sc.D., Ph.D., F.R.S., Member of Staff, National Institute for Medical Research; formerly Foulerton Student of the Royal Society; sometime Honorary Lecturer in Physiology, University College London. [1934].

PARSONS, Sir John Herbert, C.B.E., LL.D., D.Sc., M.B., B.S., F.R.C.S., F.R.S., Consulting Ophthalmic Surgeon to University College Hospital, and to the Royal London Ophthalmic Hospital; sometime Lecturer in Physiological Optics, University College London; Past President, Royal Society of Medicine. [1910].

PAUL, Agnes Stoddard, M.A., B.D., formerly Tutor to Women Students, King's College, London. [1902].

PEARSON, Egon Sharpe, C.B.E., M.A., D.Sc., Professor of Statistics, University College London; Associate Member, Ordnance Board, Ministry of Supply. [1932].

PILCHER, Robin Sturtevant, M.S., F.R.C.S., M.R.C.P., Professor of Surgery and Director of Surgical Unit, University College Hospital. [1946].

PLIMMER, Robert Henry Aders, D.Sc., Professor Emeritus of Chemistry, St. Thomas's Hospital Medical School; sometime Reader in Physiological Chemistry, University College London, and Biochemist and Head of Biochemistry Department, Rowett Research Institute, Aberdeen. [1906].

QUARTERMAINE, Allan Stephen, C.B.E., M.C., B.Sc.(Eng.), M.Inst.C.E., Chief Engineer, British Railways (Western Region); formerly Director-General of Aircraft Production Factories. [1938].

RANDALL, Sir Alec Walter George, K.C.M.G., C.B.E., B.A., H.M. Ambassador to Denmark. [1948].

RANKINE, Alexander Oliver, O.B.E., D.Sc., F.R.S., Chief Physicist, Anglo-Iranian Oil Company; Secretary of the Royal Institute of Great Britain; Emeritus Professor of Physics, Imperial College of Science and Technology; sometime Assistant in Physics, University College London. [1912].

REID, Rachel Robertson, M.A., D.Lit., formerly District Inspector, L.C.C. Education Committee; sometime Senior Assistant in English History, University College London; formerly Director of Studies in History, Girton College, Cambridge. [1912].

RENIER, Gustaaf Johannes Petrus, Ph.D., Phil.Lit.cand., Professor of Dutch History and Institutions, University College London. [1948].

RICHARDSON, Archibald Read, D.S.O., B.Sc., F.R.S., formerly Professor of Mathematics, University College of Swansea; sometime Assistant Professor of Mathematics, Imperial College of Science and Technology. [1932].

RIDING, Alice Laura Stuart, M.A. [1888].

RUSS, Sidney, C.B.E., D.Sc., Professor Emeritus of Physics, Middlesex Hospital Medical School; formerly Scientific Secretary of the National Radium Council. [1916].

SALISBURY, Sir Edward James, C.B.E., D.Sc., F.R.S., Director of the Royal Botanic Gardens, Kew; Vice-President and Biological Secretary of the Royal Society; formerly Quain Professor of Botany, University College London; sometime Reader in Plant Ecology; Member of the Senate of the University of London, and of the University Grants Committee. [1916].

SANSOM, George Samuel, D.F.C., M.C., D.Sc., formerly Hon. Research Assistant in Embryology, University College London. [1930].

SMILES, Samuel, O.B.E., D.Sc., F.R.S., Professor Emeritus of Chemistry, King's College, London; sometime Assistant Professor of Chemistry, University College London; formerly Professor of Organic Chemistry, Armstrong College, Newcastle-upon-Tyne. [1904].

STANSGATE, The Rt. Hon. The Viscount, P.C., D.S.O., D.F.C., B.A., formerly Secretary of State for Air and Secretary of State for India. [1918].

STEVENS, William Mitchell, M.D., F.R.C.P., Senior Physician to King Edward VII's Hospital, Cardiff. [1898].

STOPES, Marie Carmichael, D.Sc., Ph.D., F.L.S., F.G.S., F.R.S.L., formerly Lecturer in Palaeobotany, Victoria University of Manchester; sometime Lecturer in Palaeobotany, University College London. [1910].

STRANG, Sir William, K.C.B., K.C.M.G., M.B.E., B.A., Joint Permanent Under-Secretary of State, Foreign Office; Foreign Secretary's Deputy to the Council of Foreign Ministers; Chief Political Advisor to the Control Commission for Germany. [1946].

TANSLEY, Arthur George, M.A., F.R.S., Director, Field Studies Centre; formerly Fellow of Magdalen College and Sherardian Professor Emeritus of Botany, University of Oxford; sometime Assistant Professor of Botany, University College London, and Lecturer in Botany, University of Cambridge. [1896].

TAYLOR, Julian, O.B.E., M.B., B.S., F.R.C.S., Surgeon, University College Hospital; Surgeon, National Hospital for Nervous Diseases, Queen Square, London. [1936].

TEALE, Francis Hugo, C.V.O., M.D., B.Sc., F.R.C.P., Lecturer on Bacteriology and Vaccine Therapy at University College Hospital Medical School, and Honorary Officer-in-Charge, Inoculation Department, University College Hospital. [1914].

THANE, Edgar Herbert, M.D. [1892].*

TOY, Francis Carter, C.B.E., D.Sc., Director, British Cotton Industry Research Association. [1936].

TRAVERS, Morris William, D.Sc., F.R.S., Professor Emeritus and formerly Fellow and Nash Lecturer in Applied Physical Chemistry, University of Bristol; sometime Director of the Indian Institute of Science, Bangalore, and Assistant Professor of Chemistry, University College London. [1900].

TUCK, William Bradshaw, D.Sc., formerly Professor of Chemistry, Middlesex Hospital Medical School; sometime Assistant, Department of Chemistry, University College London. [1922].

WALKER, Charles Clement, A.M.Inst.C.E., F.R.Ae.S., Chief Engineer to and Director of De Havilland Aircraft Company. [1938].

WALSHE, Francis Martin Rouse, O.B.E., D.Sc., M.D., F.R.C.P., F.R.S., Physician-in-Charge, Neurological Department, University College Hospital, and National Hospital for Nervous Diseases, Queen Square, London. [1922].

WATSON, Constance Bruce, (*née* Low), M.A. [1906].

WATSON, Herbert Edmeston, D.Sc., F.R.I.C., M.I.Chem.E., Ramsay Professor of Chemical Engineering, University College London; formerly Professor of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore. [1914].

WEISS, Frederick Ernest, D.Sc., LL.D., F.R.S., Emeritus Professor of Botany, and formerly Vice-Chancellor, Victoria University of Manchester; Past President of the Linnean Society. [1894].

WHEELER, Robert Eric Mortimer, C.I.E., M.C., M.A., D.Lit., D.Litt., F.B.A., F.S.A., Professor of Archaeology of the Roman Provinces, Institute of Archaeology, University of London; formerly Director-General of Archaeology in India; Keeper of the London Museum, Hon. Director of the University of London Institute of Archaeology, and Lecturer in British Archaeology, University College London; sometime Director, National Museum of Wales, and Lecturer in Archaeology, University College of South Wales. [1922].

WHITE, Clifford Sidney, M.D., B.S., F.R.C.P., F.R.C.S., F.R.C.O.G., Senior Obstetric Surgeon, University College Hospital; Past President Obstetrical and Gynaecological Section of the Royal Society of Medicine; Consulting Surgeon, Metropolitan Hospital and St. Mary's Hospital for Women. [1938].

WHYTLAW-GRAY, Robert W., O.B.E., Ph.D., F.R.S., formerly Professor of Chemistry, University of Leeds; sometime Assistant Professor of Chemistry, University College London. [1910].

WILKS, John Alexander, M.A., F.L.A., Librarian, University College London. [1938].

WILLIAMS, Gwynne Evan Owen, M.S., F.R.C.S., Surgeon; formerly Dean of University College Hospital Medical School. [1930].

WILLOUGHBY, Leonard Ashley, M.A., D.Lit., Ph.D., Professor of German Language and Literature, University College London; formerly Henry Simon Professor of German, Victoria University of Manchester; sometime Senior Taylorian Lecturer in German, University of Oxford, and Lecturer in German, University of Sheffield. [1910].

WOOD, Arthur Charles, M.C., M.A., sometime Quain Student in English, University College London. [1914].

WOODCOCK, Harold Mellor, D.Sc., Assistant in Protozoology, Lister Institute. [1910].

WOODLAND, William Norton Ferrier, D.Sc., late of Helminthology Department, Wellcome Research Institute; formerly Professor of Zoology at the Allahabad University; sometime Assistant Professor of Zoology, University College London. [1912].

YOUNG, Frank George, Ph.D., D.Sc., F.R.I.C., F.R.S., Professor of Biochemistry, University College London; sometime Sharpey Scholar and Assistant, Department of Biochemistry. [1946].

YULE, George Udny, C.B.E., M.A., F.R.S., sometime Newmarch Lecturer in Statistics; Past President of the Royal Statistical Society; formerly Assistant Professor of Applied Mathematics, and University Lecturer and Reader in Statistics, University of Cambridge. [1926].

FORM OF LEGACY

I GIVE to the UNIVERSITY OF LONDON for the benefit of UNIVERSITY COLLEGE the sum of £ duty free

(*a*) for the general purposes of the College

or (*b*) the capital to be invested and the income to be applied for the general purposes of the College

or (*c*) for the following purpose, namely

or (*d*) the capital to be invested and the income to be applied for the following purpose, namely

N.B. Strike out the lettering and three of these four alternatives. If (*c*) or (*d*) is left, state the purpose desired.

I declare that the receipt of the Treasurer or other proper officer for the time being of the College shall effectually discharge my executors.